

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008904.D
 Acq On : 10 Dec 2019 13:50
 Operator : JU
 Sample : K5111-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
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Quant Time: Dec 10 15:23:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2674	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10724	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7941	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19011	0.40	ng	0.00
27) Chrysene-d12	21.13	240	18076	0.40	ng	0.00
34) Perylene-d12	23.28	264	17858	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2636	0.39	ng	0.00
5) Phenol-d6	6.75	99	3533	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	3252	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6878	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1261	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	10956	0.36	ng	0.00
25) Fluoranthene-d10	18.97	212	20057	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	16704	0.40	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.20	88	215	0.086	ng	92
3) n-Nitrosodimethylamine	3.55	42	204m	0.059	ng	
6) bis(2-Chloroethyl)ether	7.00	93	778	0.088	ng	95
9) Naphthalene	10.37	128	2641	0.090	ng	94
10) Hexachlorobutadiene	10.67	225	474	0.085	ng	# 100
12) 2-Methylnaphthalene	11.99	142	1969	0.090	ng	95
16) Acenaphthylene	13.90	152	2895	0.080	ng	99
17) Acenaphthene	14.25	154	2027	0.084	ng	97
18) Fluorene	15.24	166	2831	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	924	0.081	ng	94
21) Hexachlorobenzene	16.25	284	1035	0.080	ng	98
22) Pentachlorophenol	16.60	266	379	0.081	ng	91
23) Phenanthrene	16.97	178	5006	0.084	ng	100
24) Anthracene	17.06	178	4235	0.080	ng	100
26) Fluoranthene	19.00	202	5851	0.082	ng	99
28) Pyrene	19.36	202	5830	0.092	ng	99
30) Benzo(a)anthracene	21.12	228	5388	0.084	ng	98
31) Chrysene	21.17	228	5894	0.089	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2055	0.068	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	5435	0.077	ng	98
35) Benzo(b)fluoranthene	22.65	252	5654	0.088	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	5833	0.091	ng	# 74
37) Benzo(a)pyrene	23.19	252	4688	0.082	ng	# 66
38) Dibenzo(a,h)anthracene	25.41	278	4494	0.083	ng	# 86
39) Benzo(g,h,i)perylene	26.04	276	4848	0.091	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

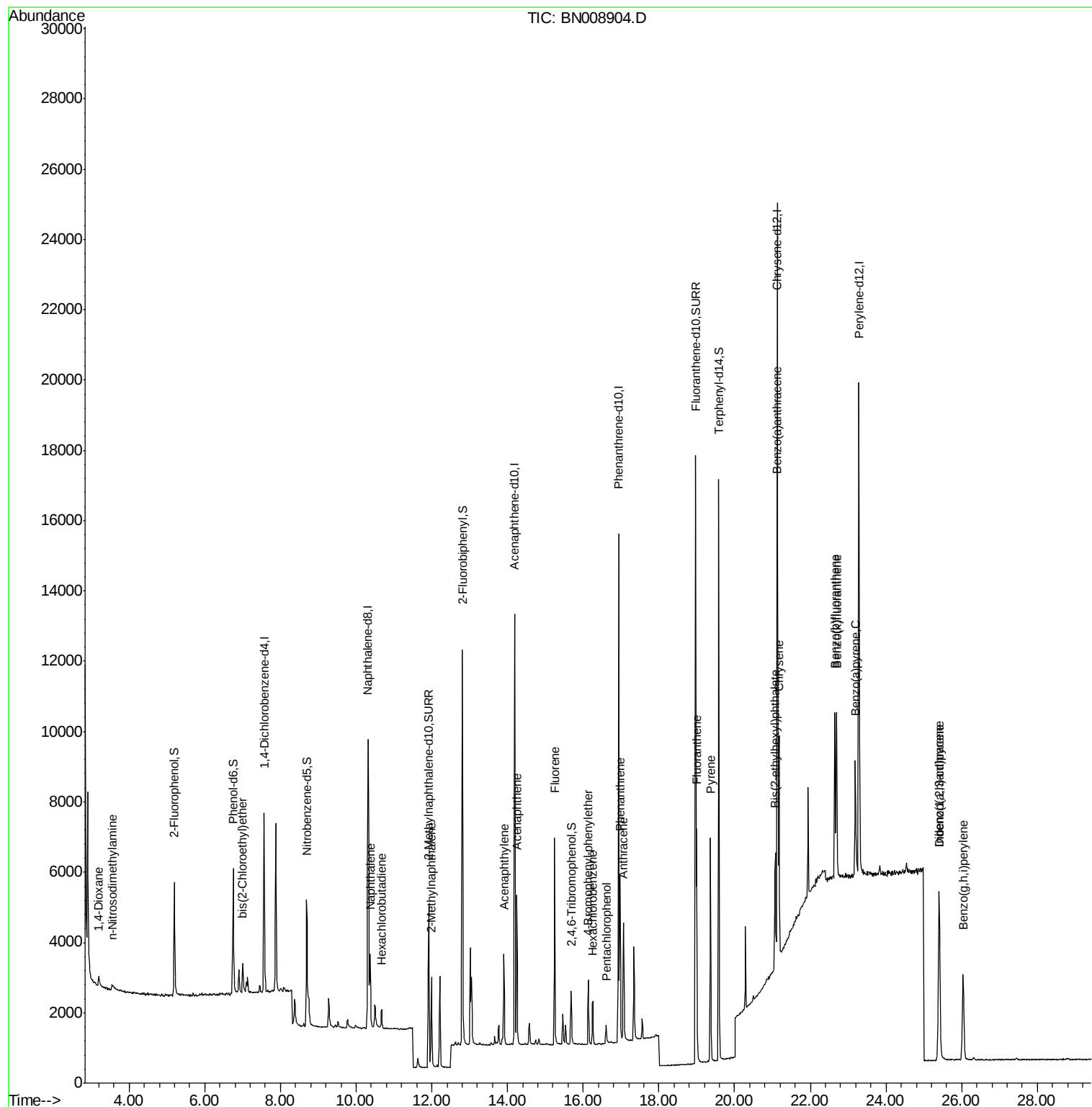
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008904.D
Acq On : 10 Dec 2019 13:50
Operator : JU
Sample : K5111-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

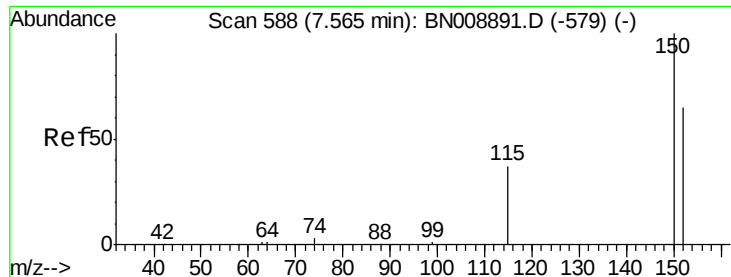
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

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Quant Time: Dec 10 15:23:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
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#1

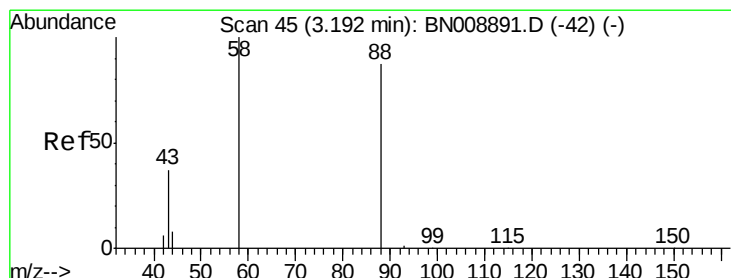
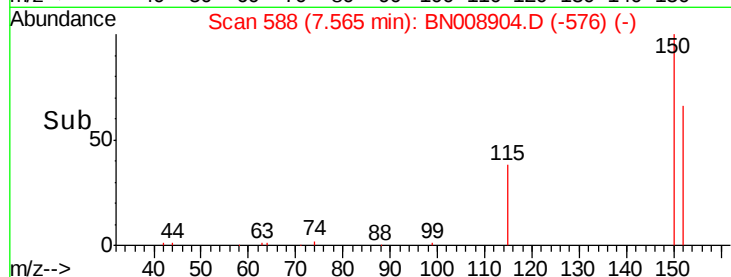
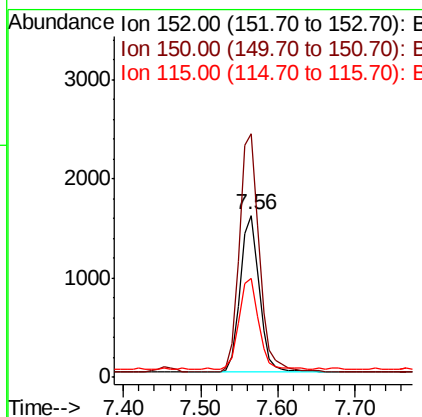
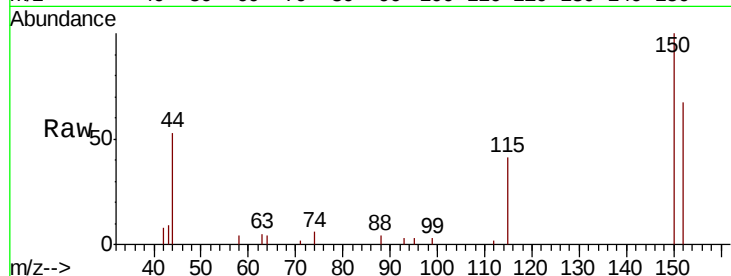
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.3	183.5
115	60.8	48.4	72.6

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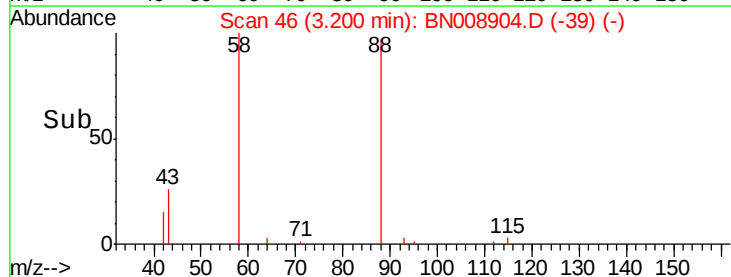
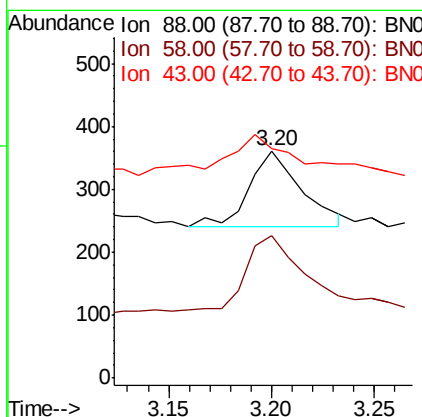
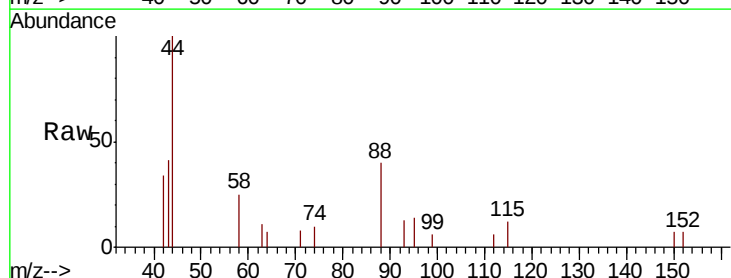
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#2

1,4-Dioxane
Concen: 0.086 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	88.6	132.8
43	41.4	31.8	47.8





#3

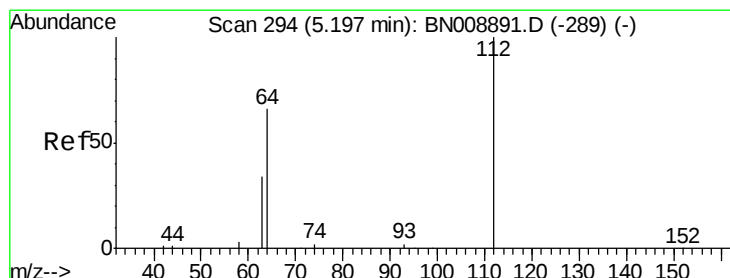
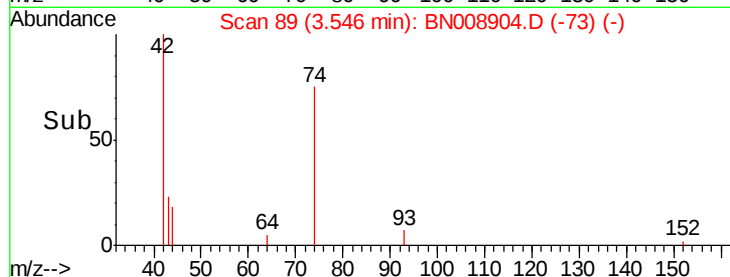
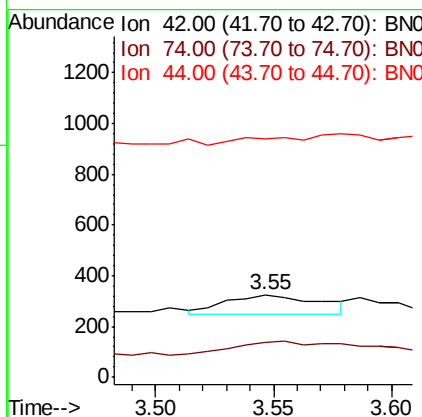
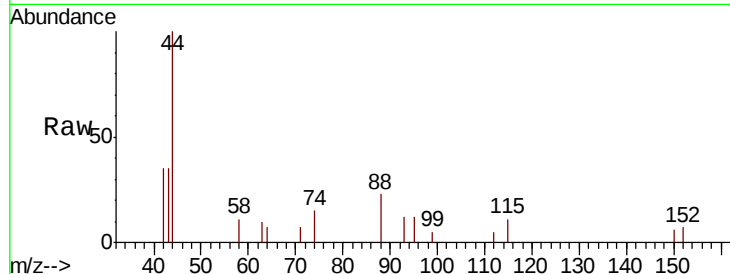
n-Nitrosodimethylamine
 Concen: 0.059 ng/ml
 RT: 3.55 min Scan# 89
 Delta R.T. 0.03 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
42	100		
74	77.5	78.6	117.8#
44	0.0	0.0	0.0

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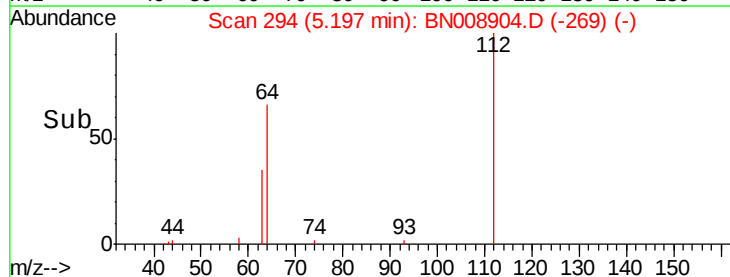
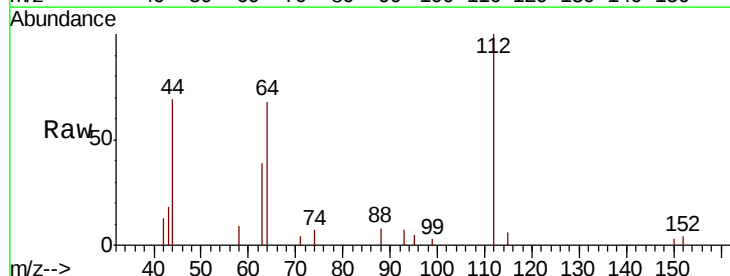
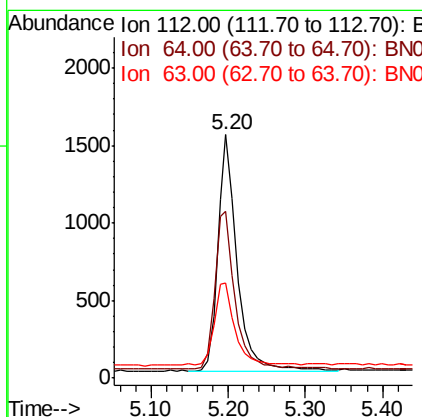
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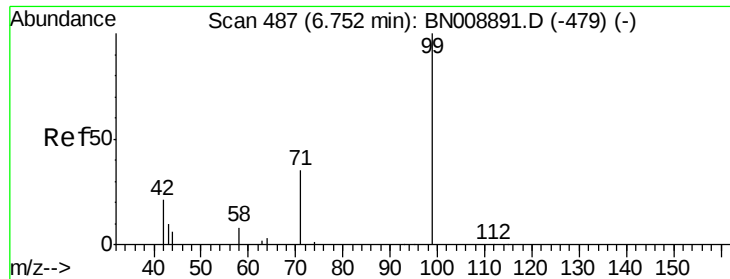


#4

2-Fluorophenol
 Concen: 0.388 ng/ml
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	57.7	86.5
63	37.6	29.6	44.4





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

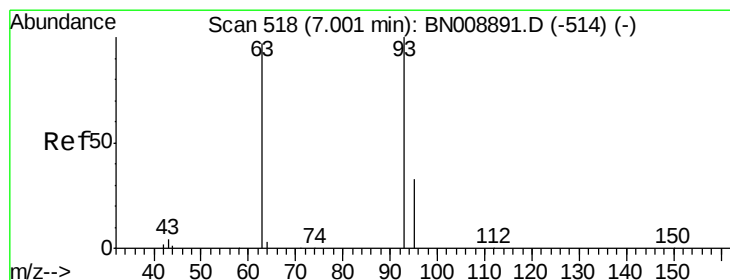
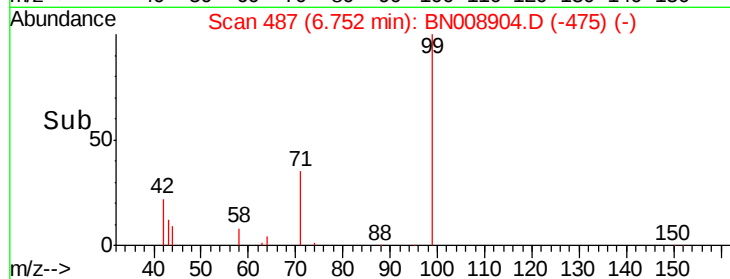
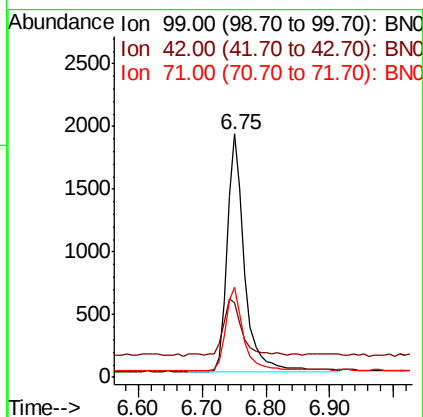
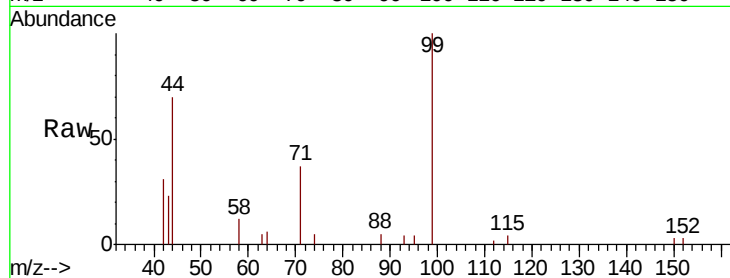
ClientSampleId :

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Tot Ion:	99	Resp:	3533
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.1	30.1
71	36.4	28.2	42.2

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#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

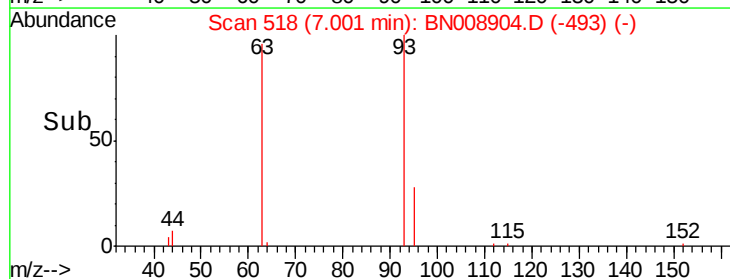
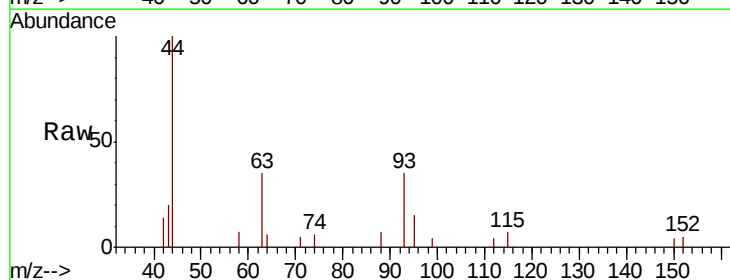
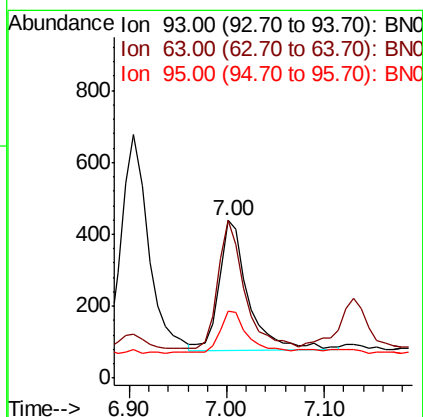
RT: 7.00 min Scan# 518

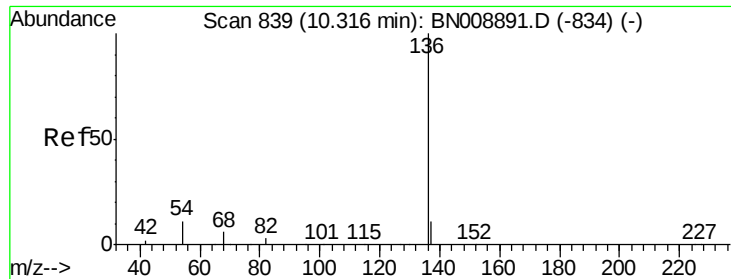
Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:	93	Resp:	778
Ion	Ratio	Lower	Upper
93	100		
63	86.6	73.5	110.3
95	30.1	26.0	39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

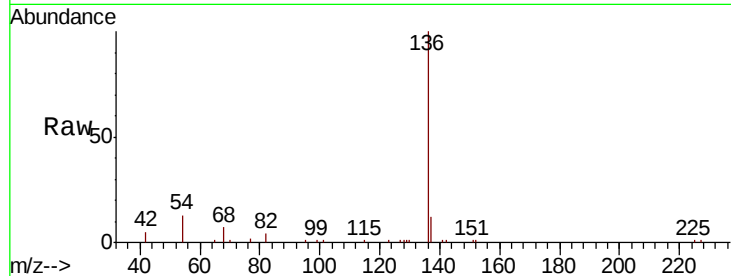
ClientSampleId :

LOQ-SOIL-02-QT4-2019

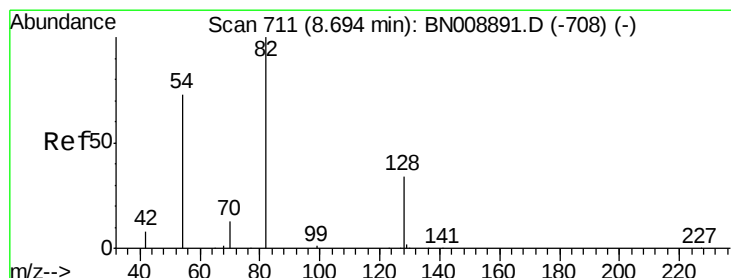
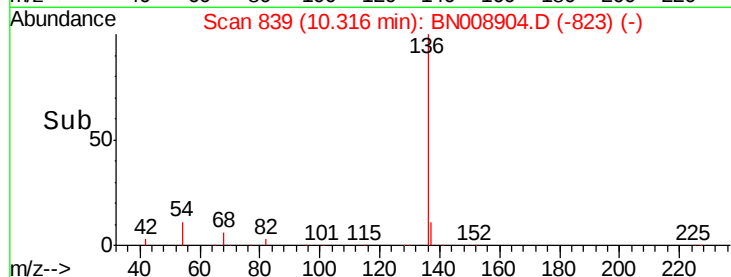
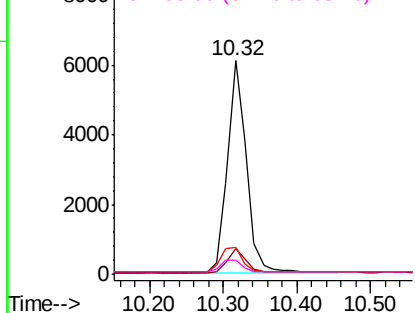
Tot Ion	Ratio	Resp	Lower	Upper
136	100	10724		
137	11.8		9.2	13.8
54	12.5		9.6	14.4
68	6.9		5.6	8.4

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.358 ng

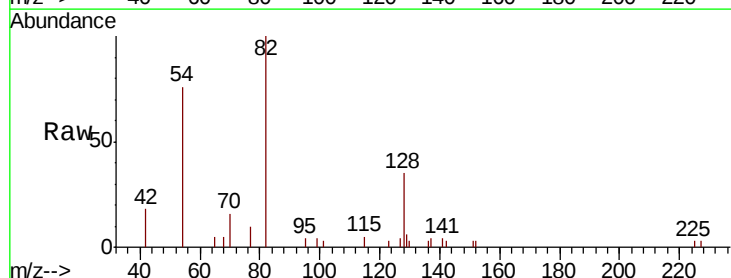
RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

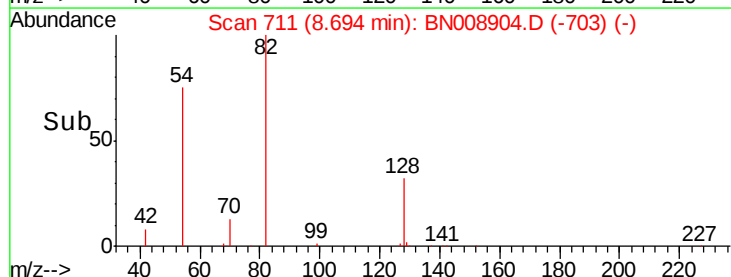
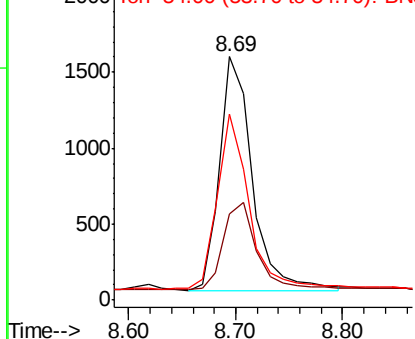
Lab File: BN008904.D

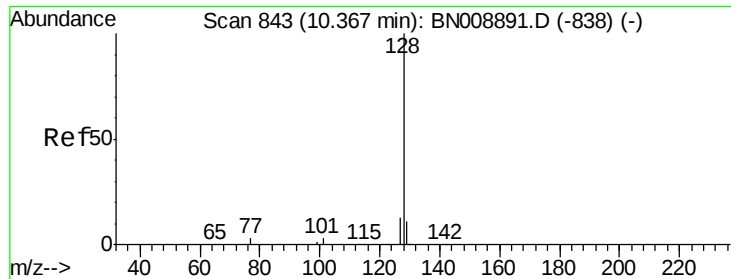
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	3252		
128	35.5		29.1	43.7
54	76.2		59.7	89.5



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





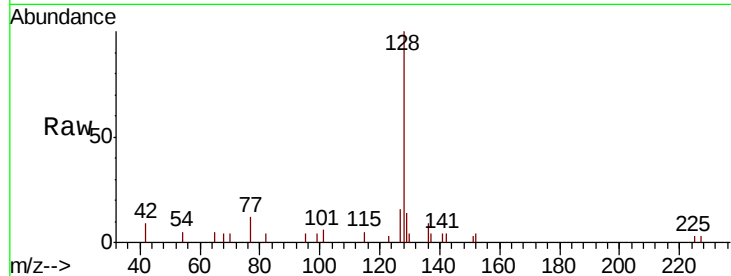
#9
Naphthalene
Concen: 0.090 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.0
127	16.0	10.8	16.2

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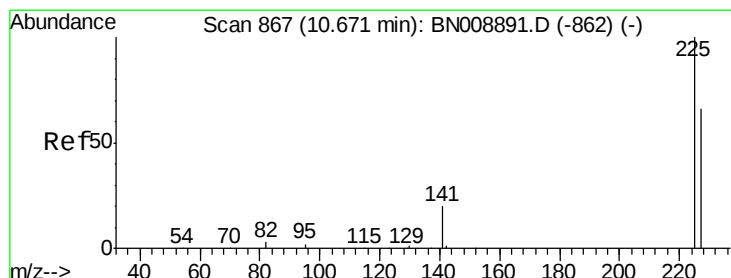
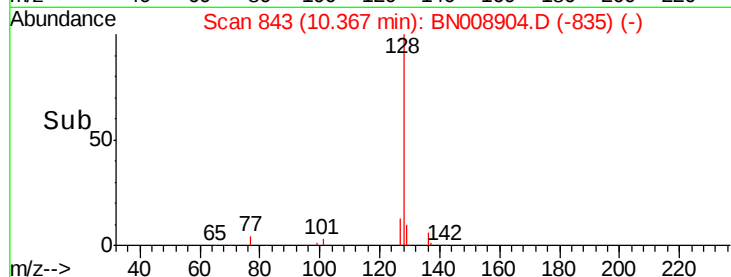
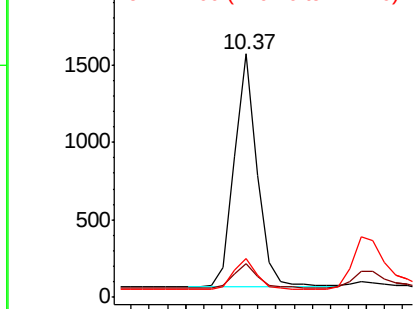


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

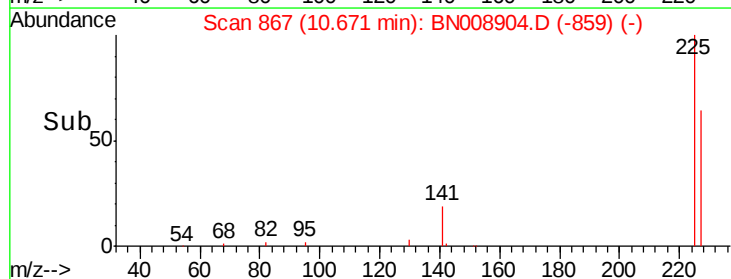
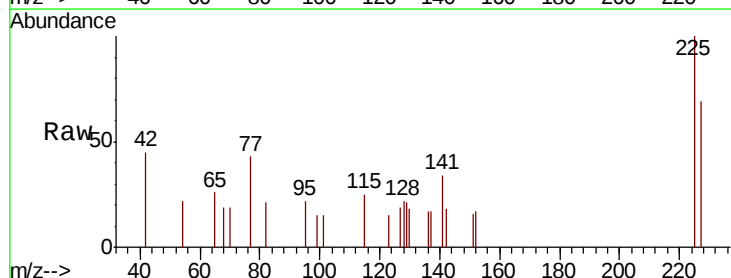
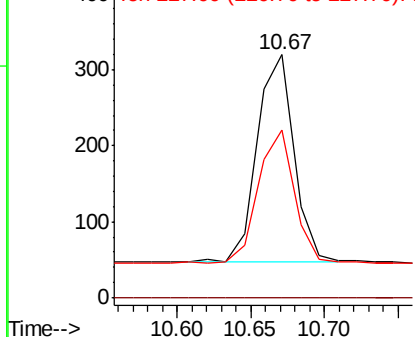
Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.4	77.2

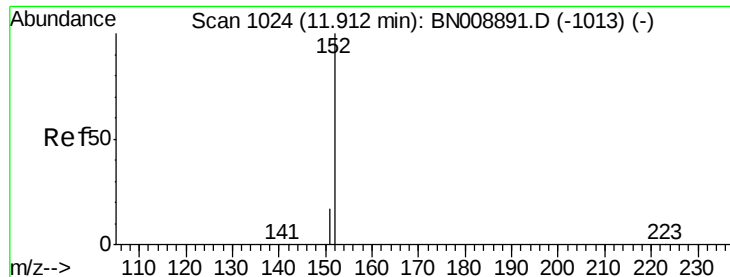
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





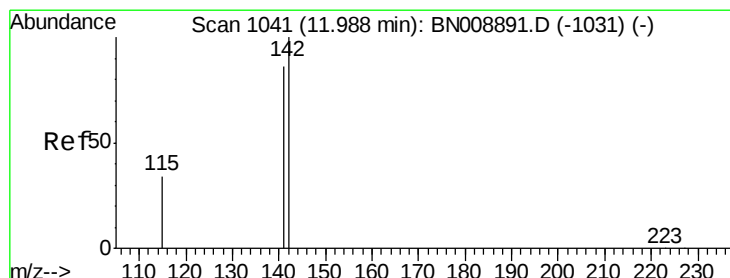
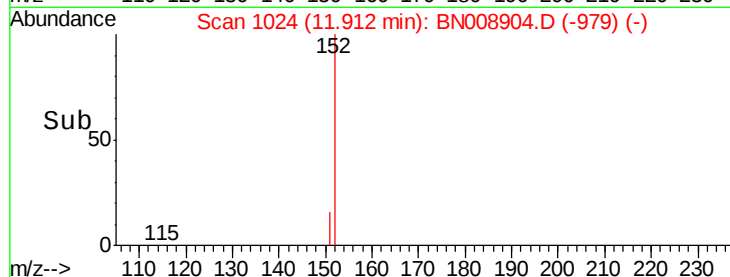
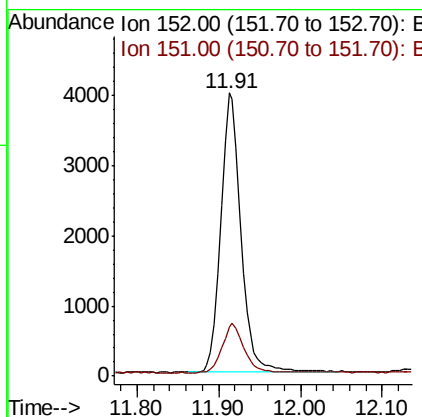
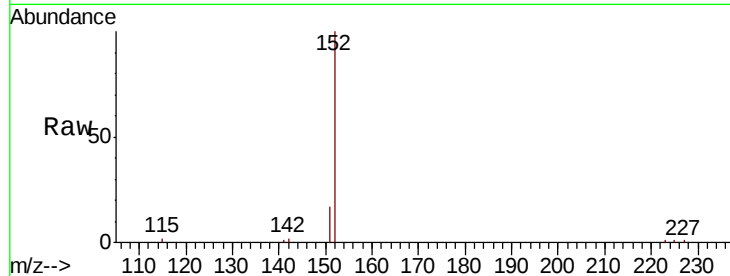
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

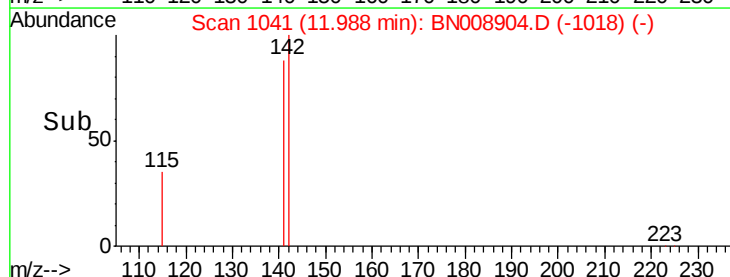
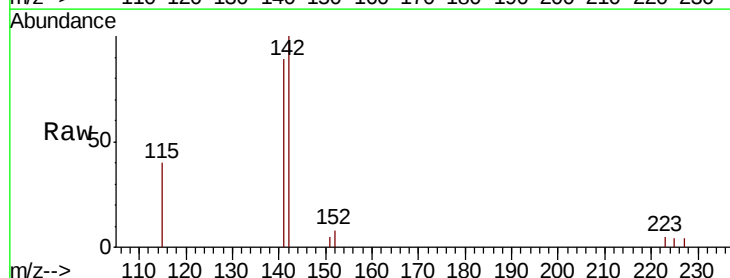
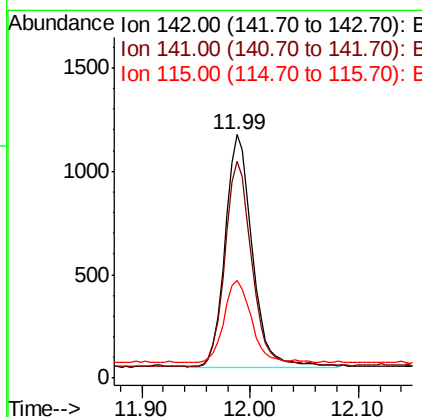
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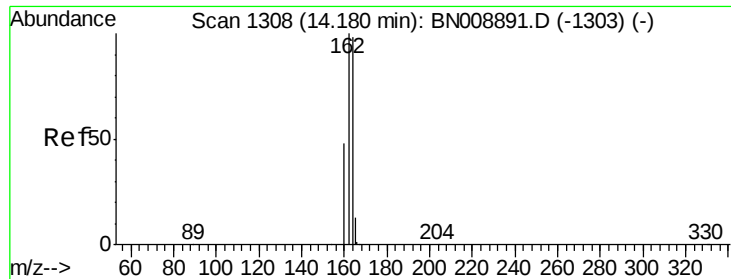
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#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.3	103.9
115	40.0	27.9	41.9





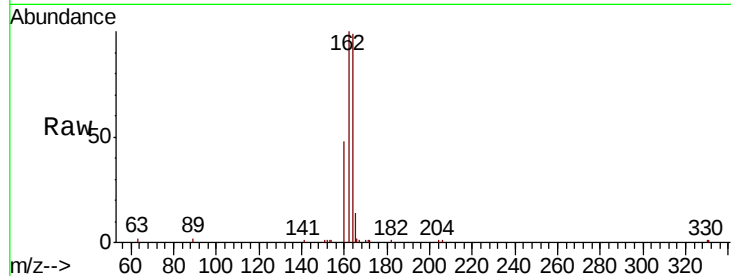
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.9	122.9
160	48.5	39.3	58.9

Manual Integrations
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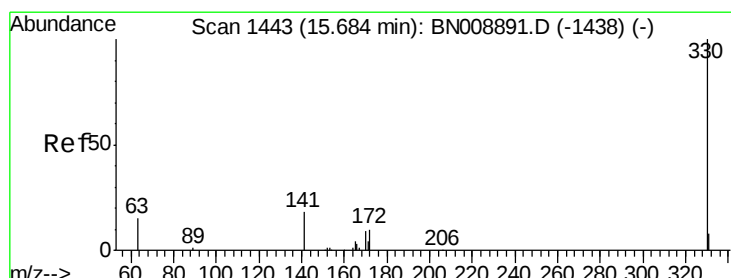
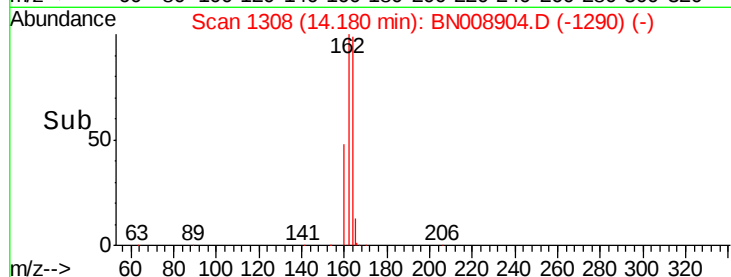
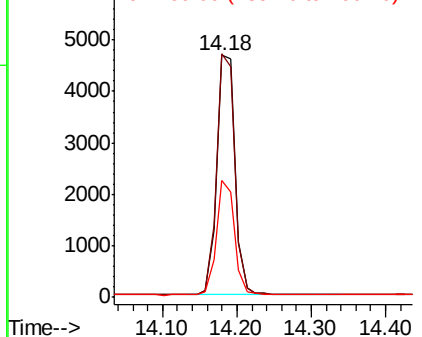


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

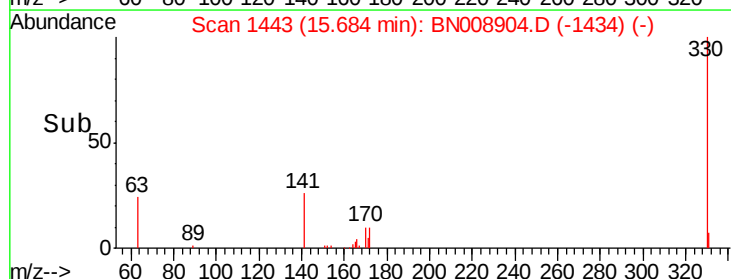
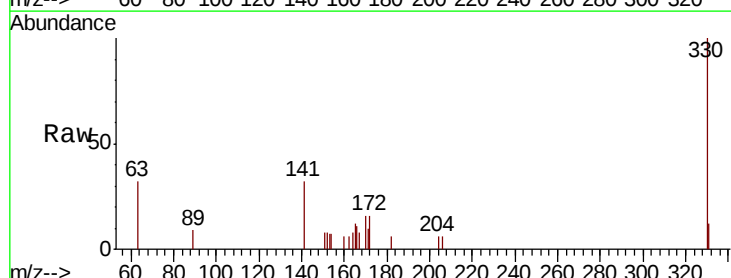
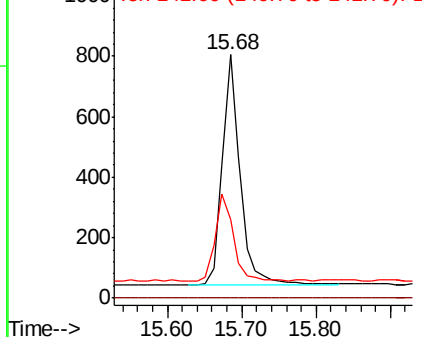
Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	29.6	44.4

Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





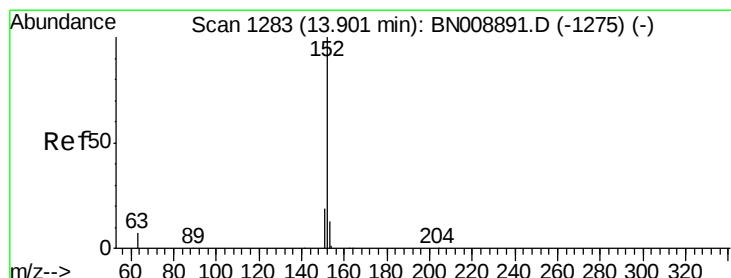
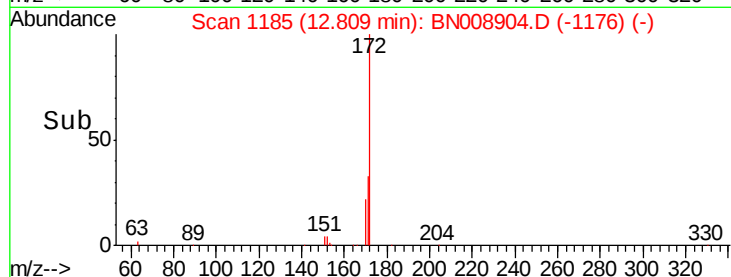
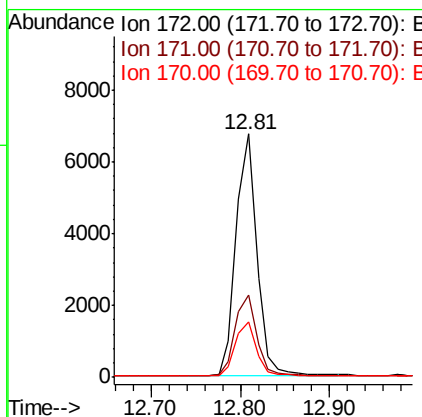
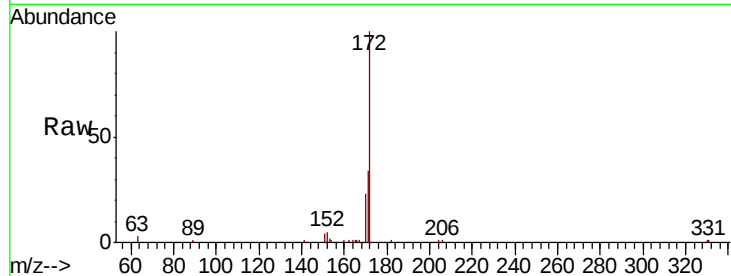
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.1	40.7
170	22.7	17.7	26.5

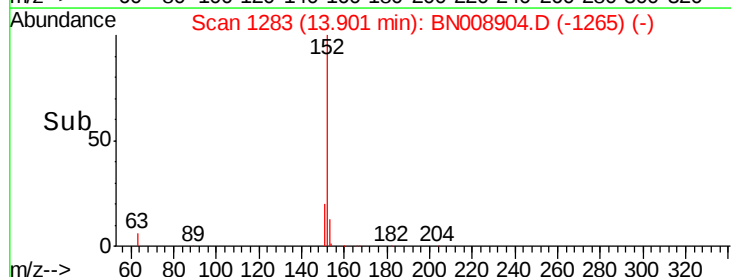
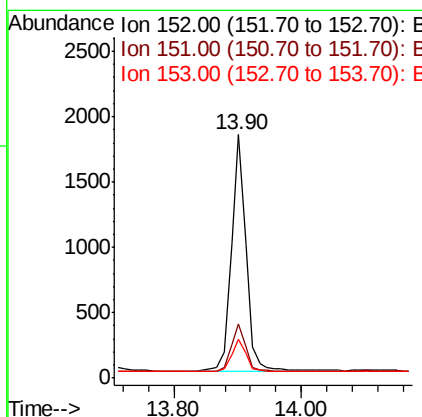
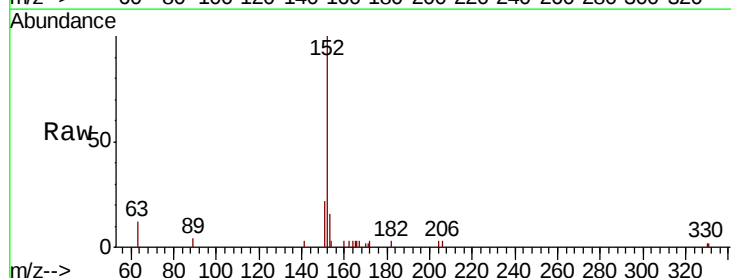
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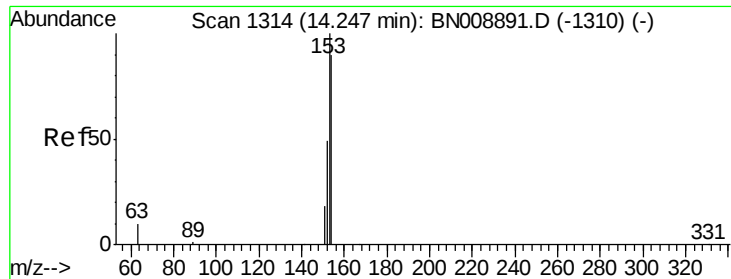
mohammad
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#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	13.2	10.3	15.5





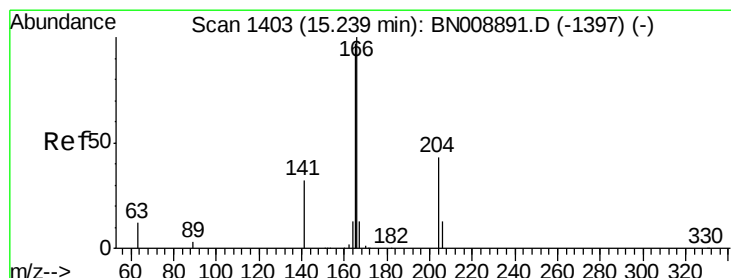
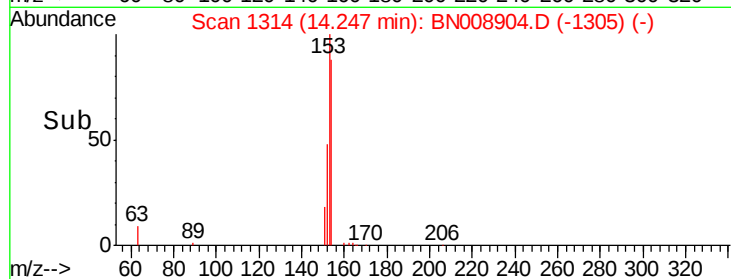
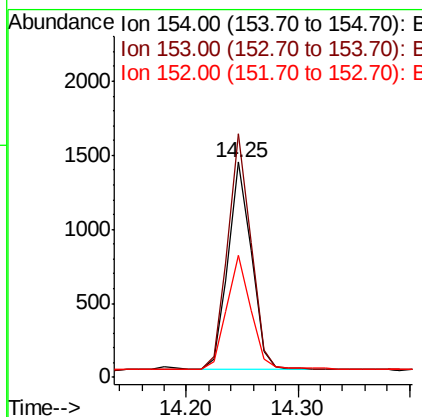
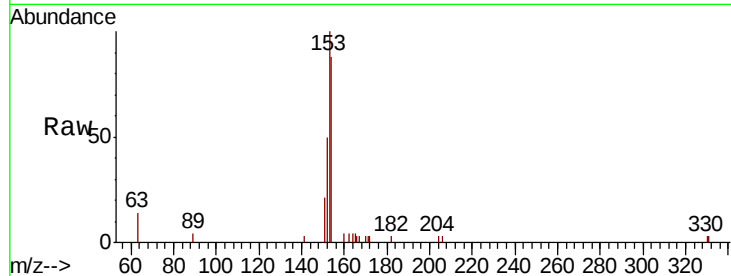
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	58.5	44.2	66.4

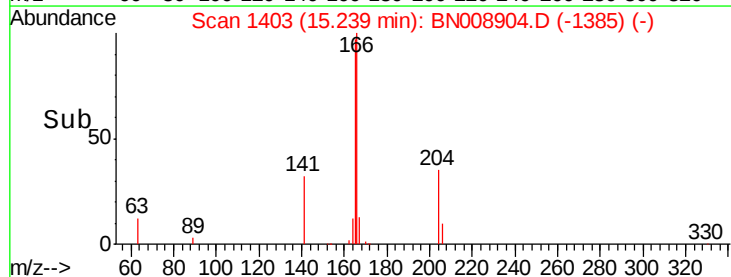
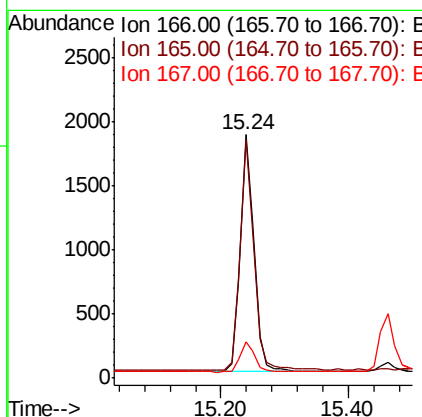
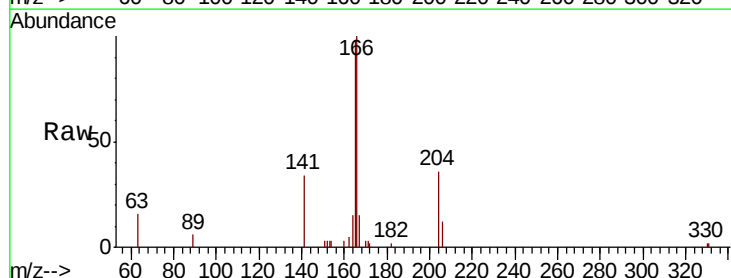
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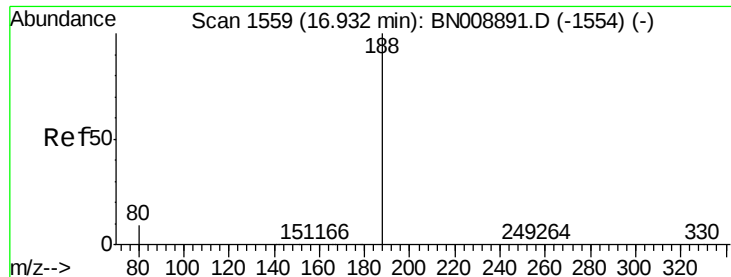
mohammad
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#18
Fluorene
Concen: 0.087 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.3	115.9
167	13.8	10.8	16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

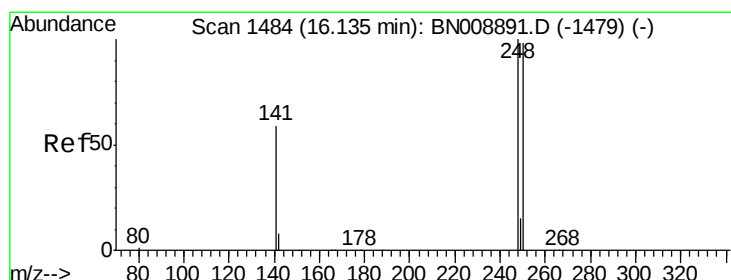
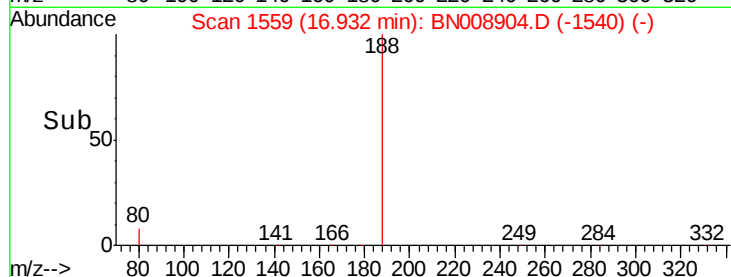
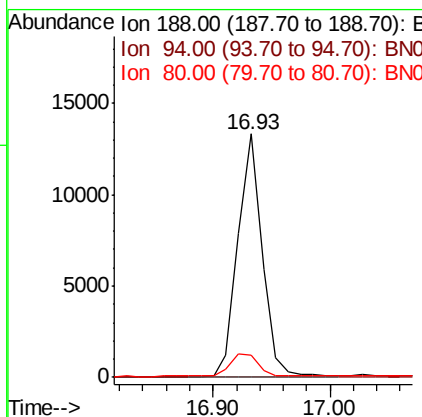
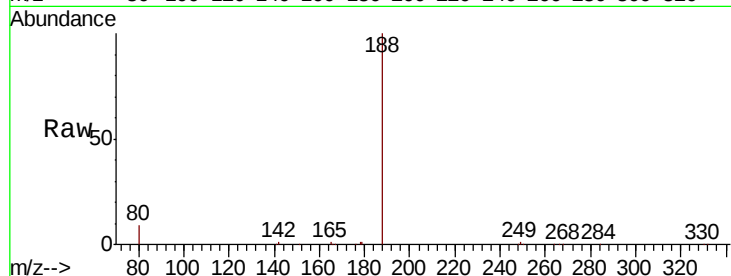
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	188	Resp:	19011
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.3	10.9

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#20

4-Bromophenyl-phenylether

Concen: 0.081 ng

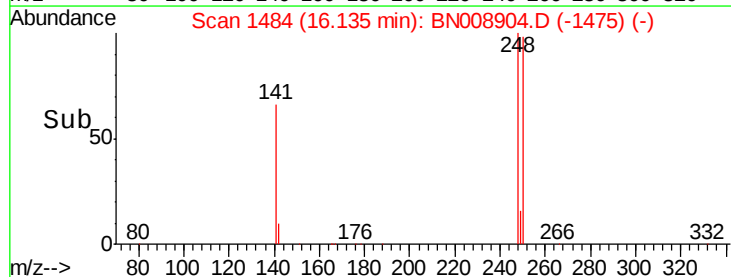
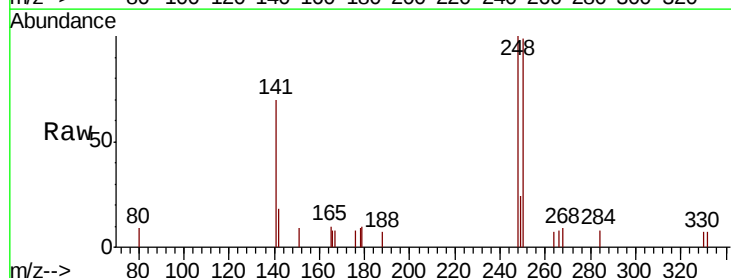
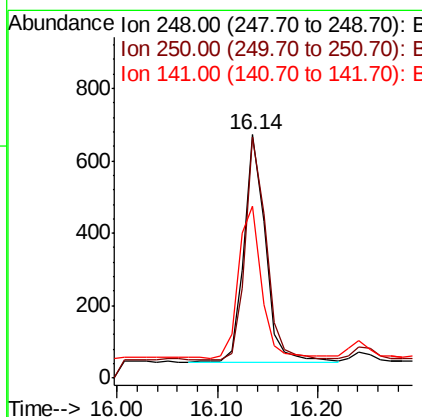
RT: 16.14 min Scan# 1484

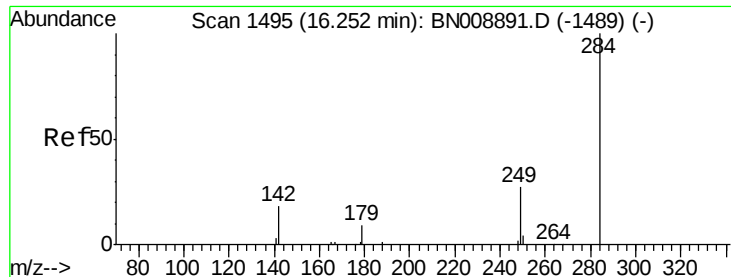
Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:	248	Resp:	924
Ion Ratio	Lower	Upper	
248	100		
250	99.1	78.7	118.1
141	70.4	47.9	71.9





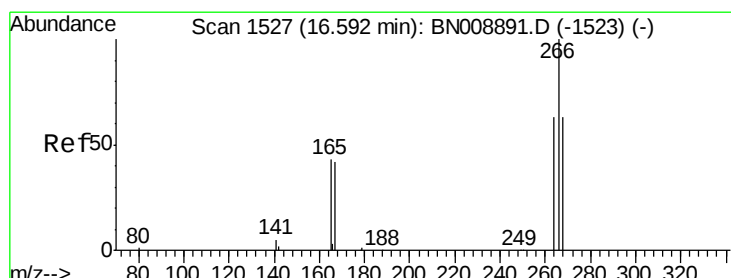
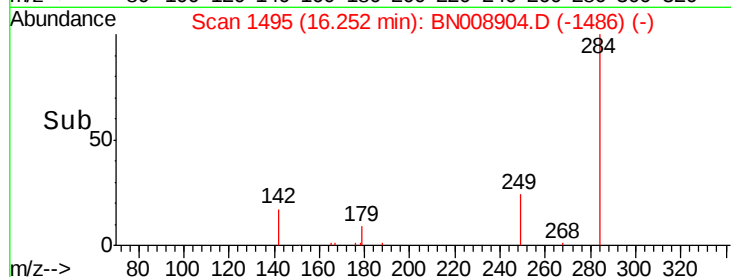
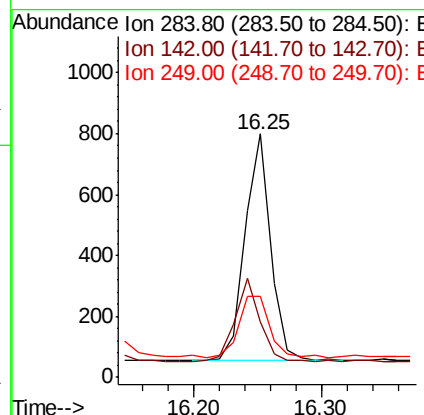
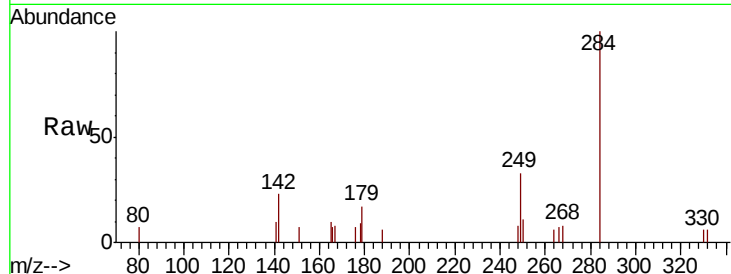
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	27.8	41.6
249	33.4	25.3	37.9

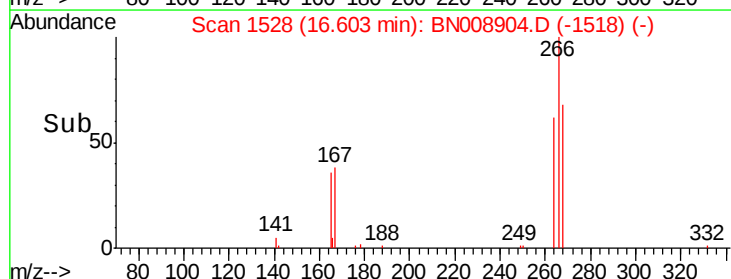
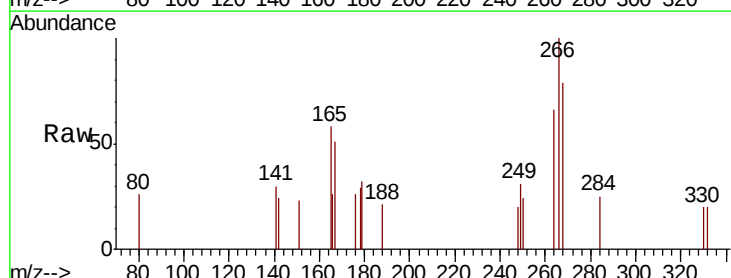
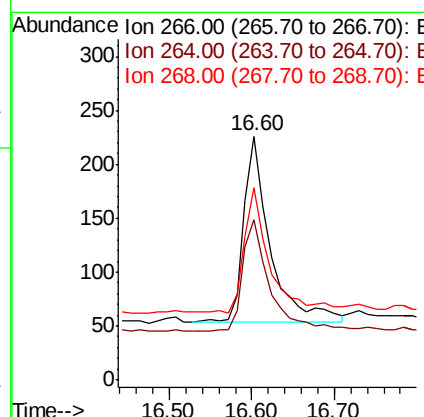
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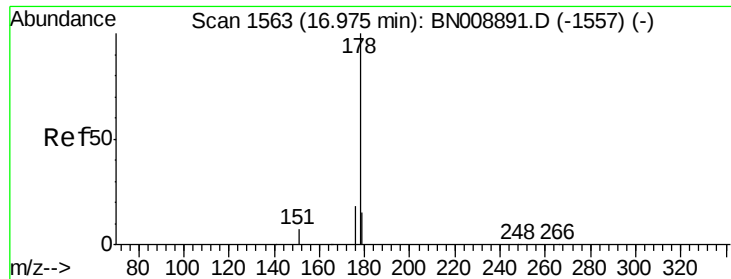
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#22
Pentachlorophenol
Concen: 0.081 ng
RT: 16.60 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.9	51.5	77.3
268	78.8	53.1	79.7





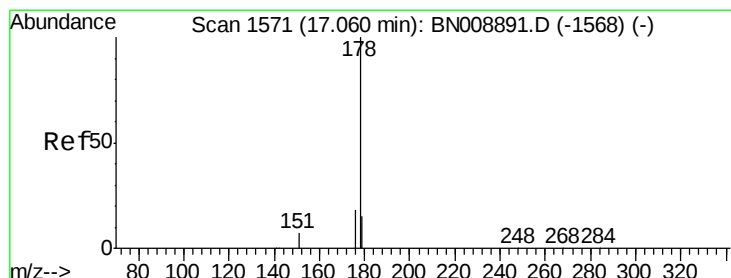
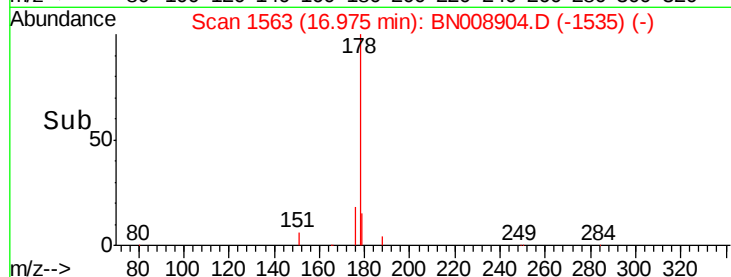
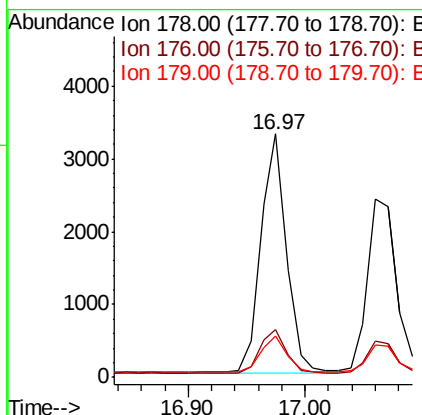
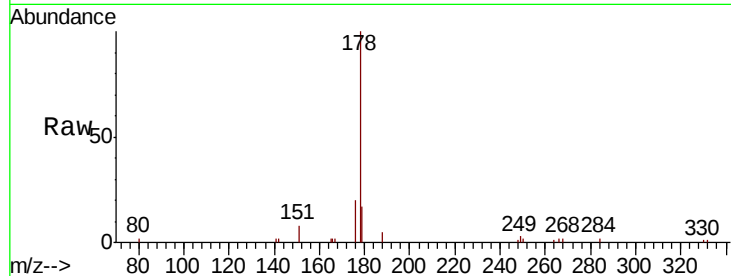
#23
Phenanthrene
Concen: 0.084 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.1	12.3	18.5

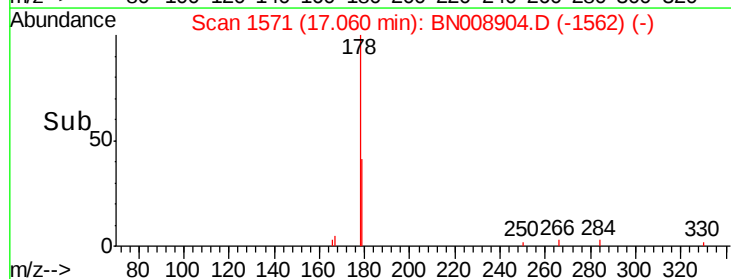
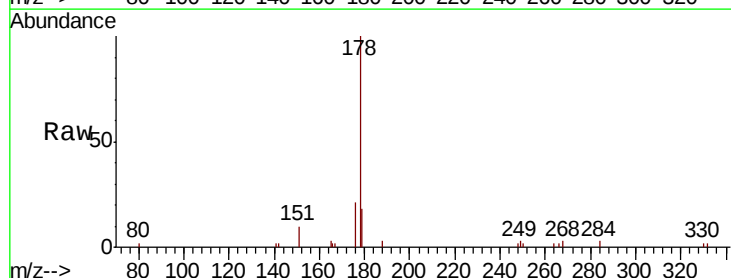
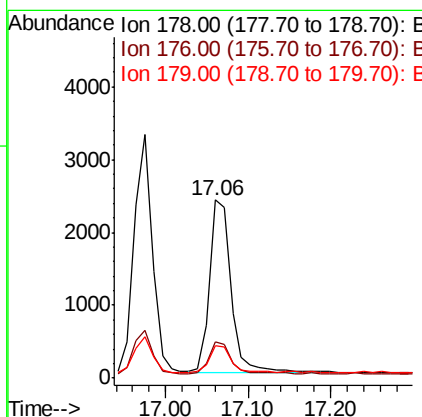
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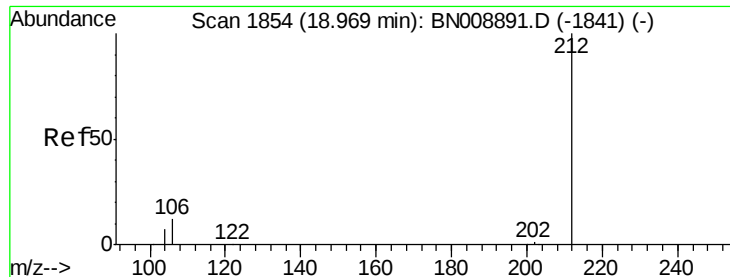
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#24
Anthracene
Concen: 0.080 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	15.3	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

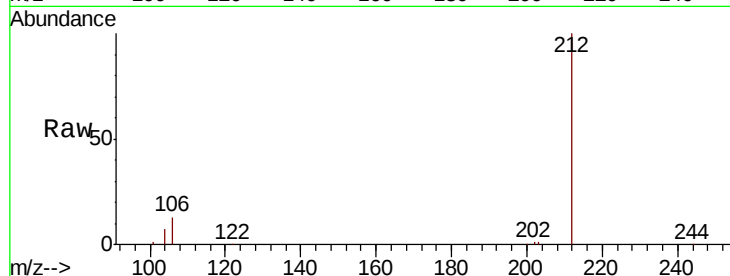
ClientSampleId :

LOQ-SOIL-02-QT4-2019

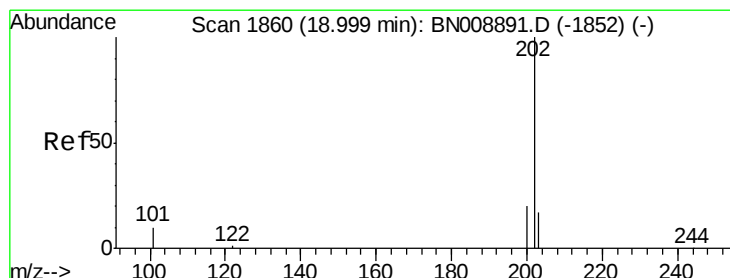
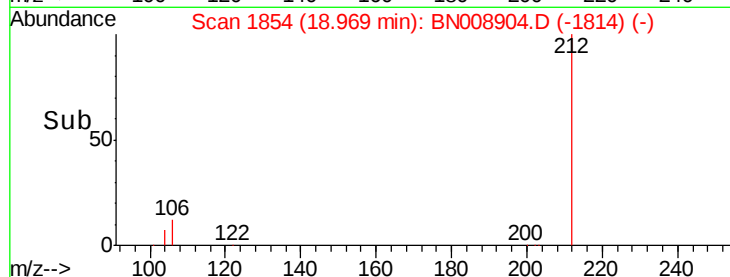
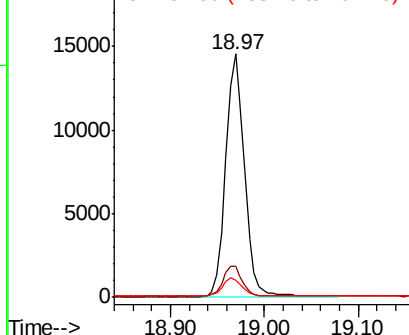
Tot Ion:	212	Resp:	20057
Ion Ratio	Lower	Upper	
212	100		
106	12.9	10.4	15.6
104	7.1	5.9	8.9

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.082 ng

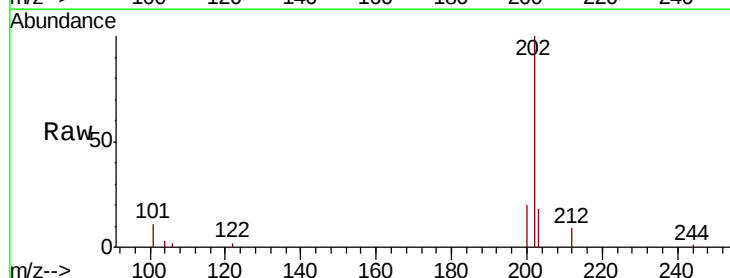
RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

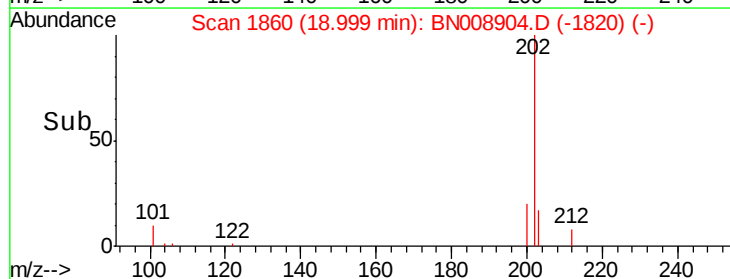
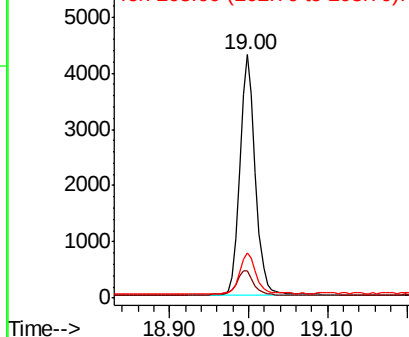
Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:	202	Resp:	5851
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
203	17.3	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

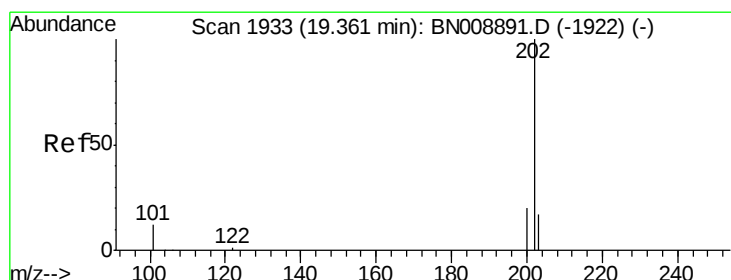
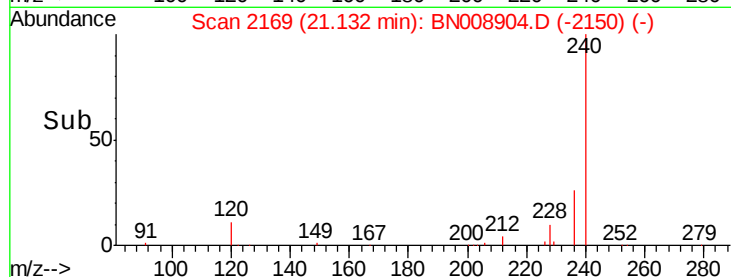
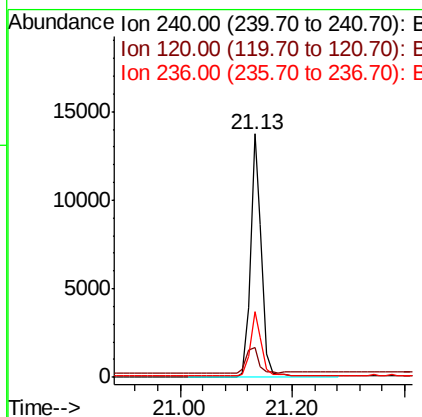
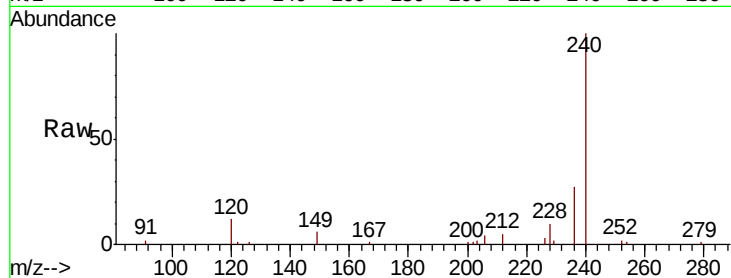
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	240	Resp:	18076
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.1	13.7
236	27.0	21.5	32.3

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#28

Pyrene

Concen: 0.092 ng

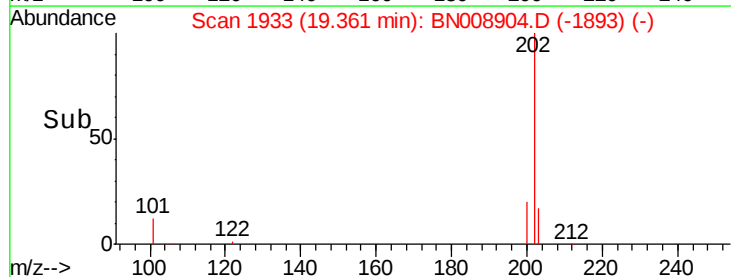
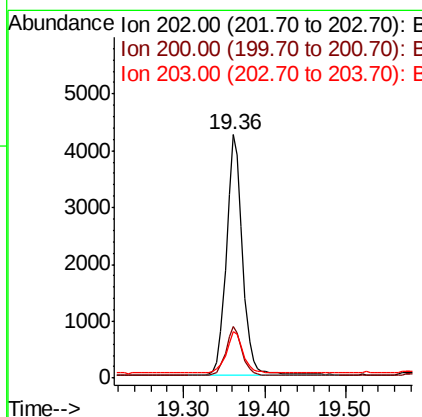
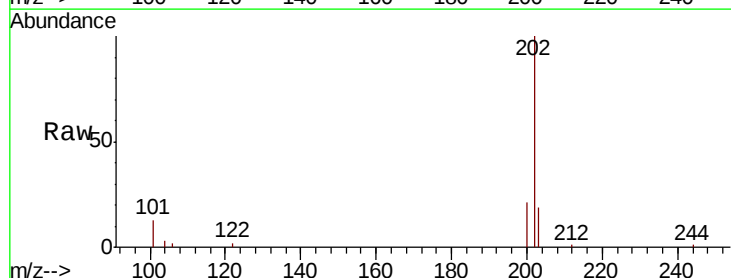
RT: 19.36 min Scan# 1933

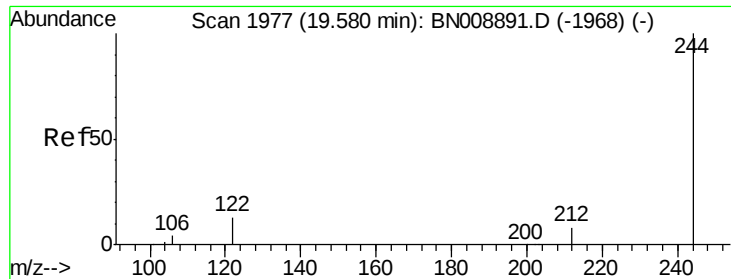
Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion:	202	Resp:	5830
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.1	24.1
203	18.1	13.9	20.9





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

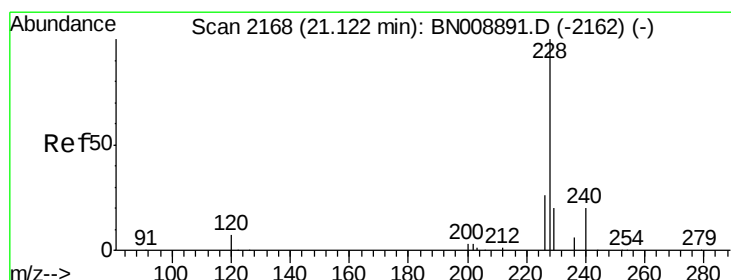
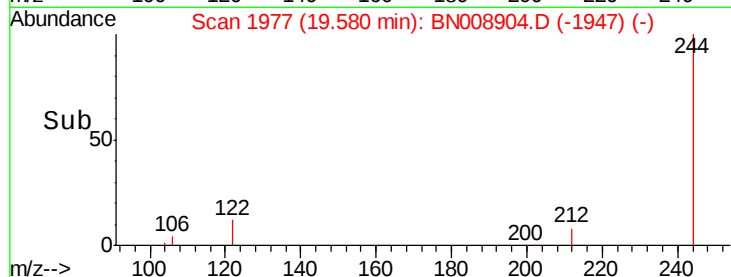
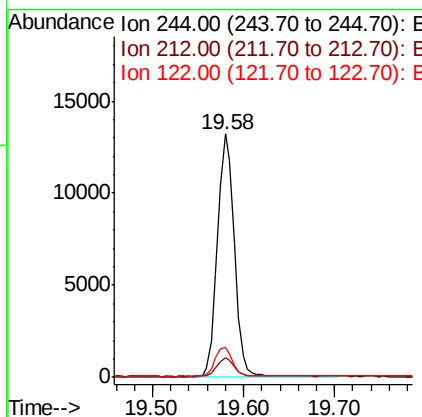
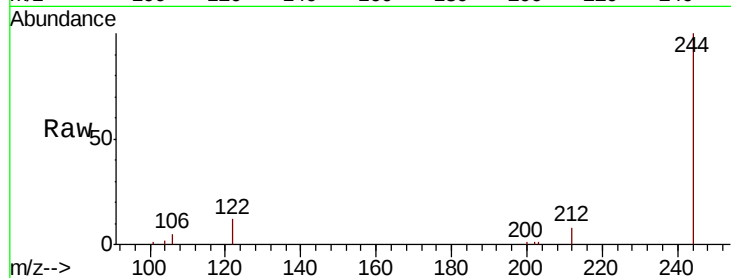
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.3	10.4	15.6

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#30

Benzo(a)anthracene

Concen: 0.084 ng

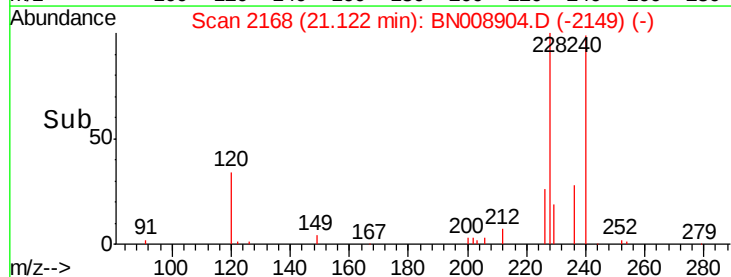
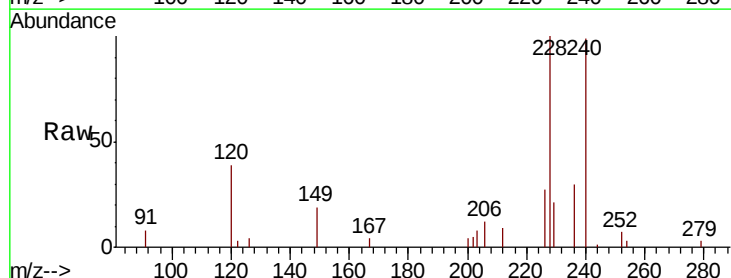
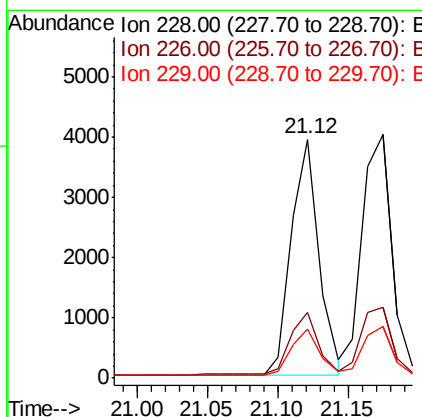
RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008904.D

Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.6	30.8
229	20.6	15.9	23.9





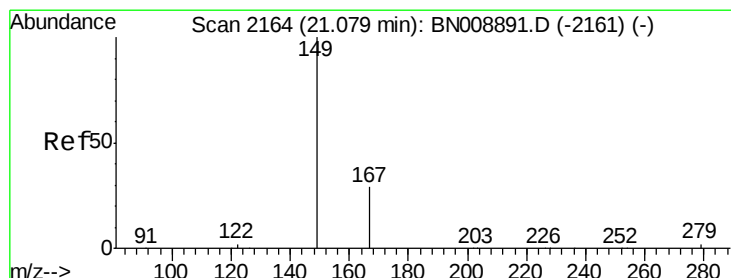
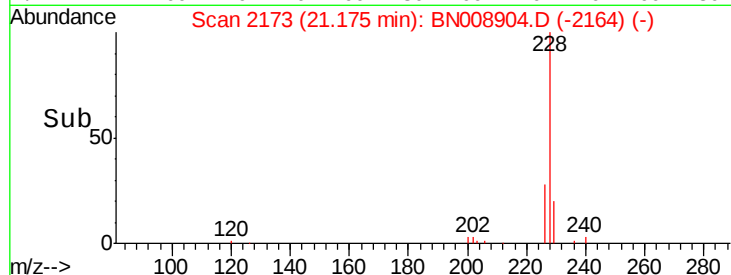
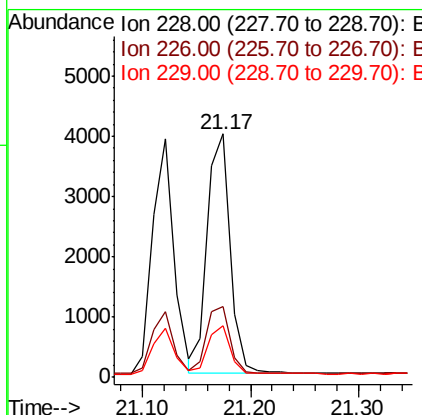
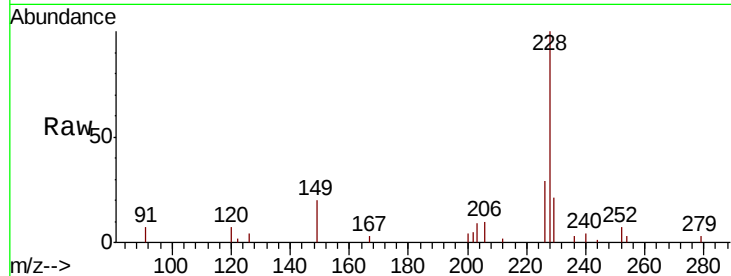
#31
Chrysene
Concen: 0.089 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	21.0	15.9	23.9

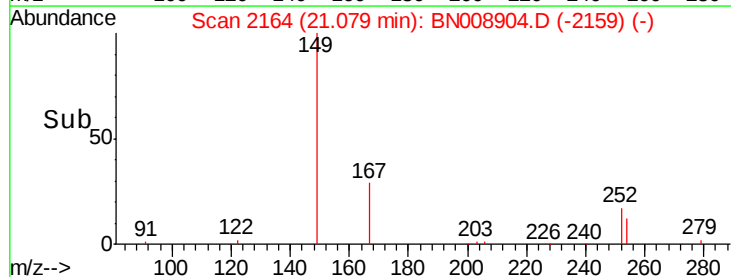
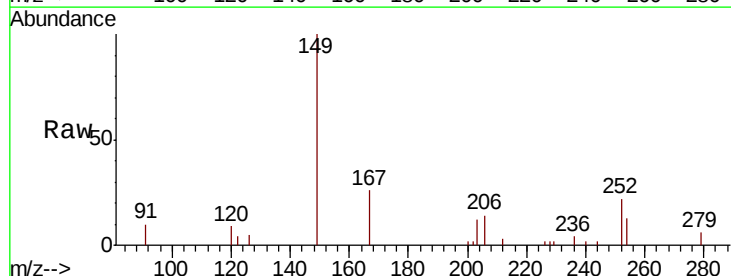
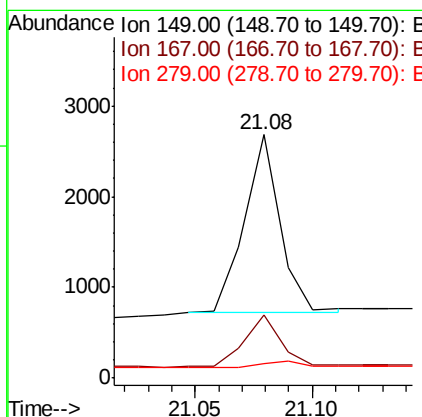
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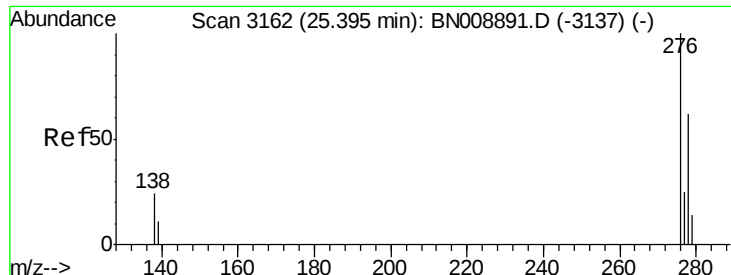
mohammad
12/11/2019 12:32:05 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.7	34.1
279	4.4	3.3	4.9





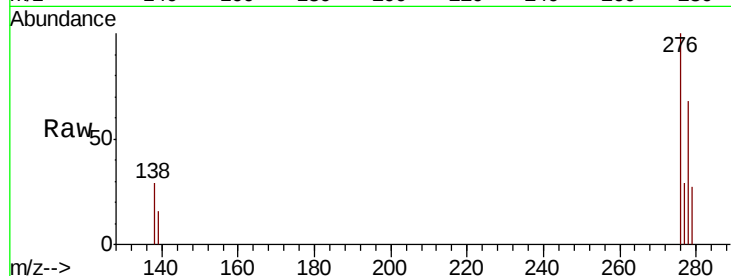
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.077 ng
 RT: 25.40 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.9	29.9
277	24.8	19.8	29.8

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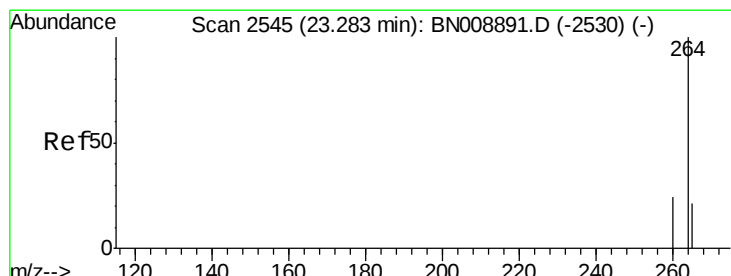
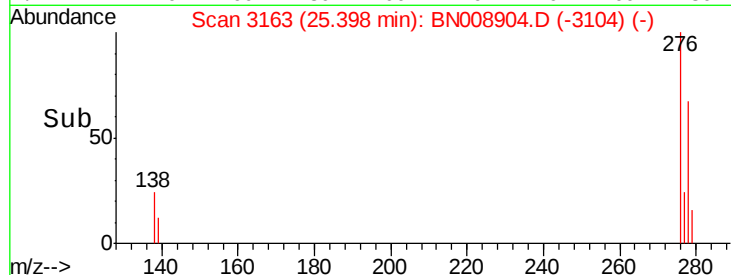
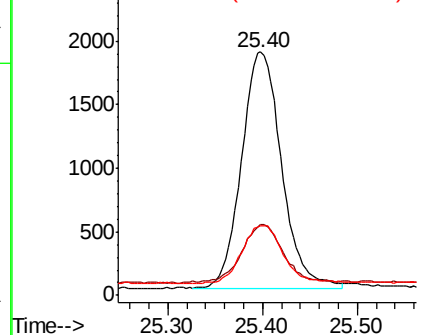


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BN008904.D
 Acq: 10 Dec 2019 13:50

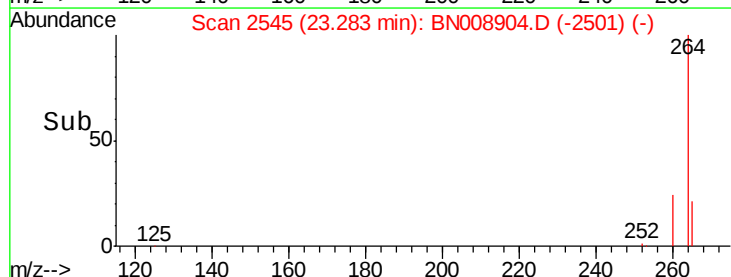
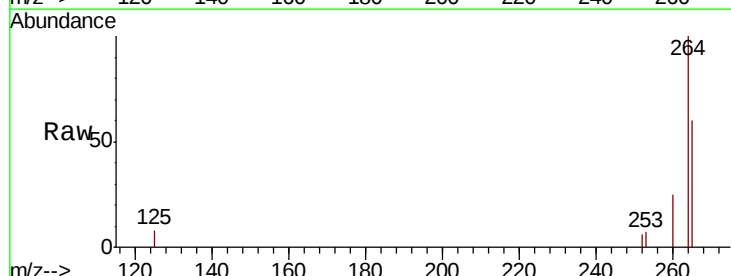
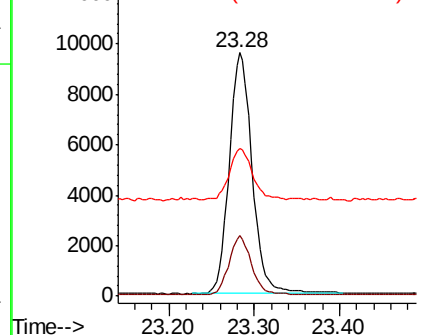
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	60.4	47.5	71.3

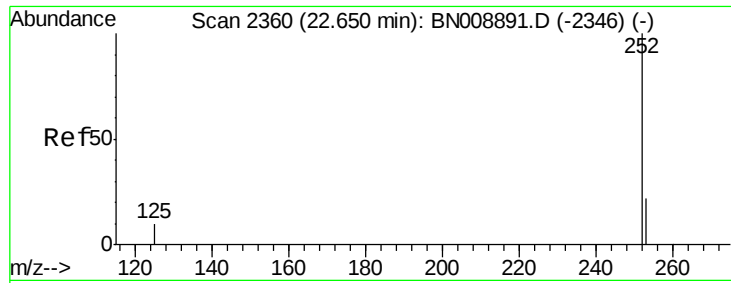
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





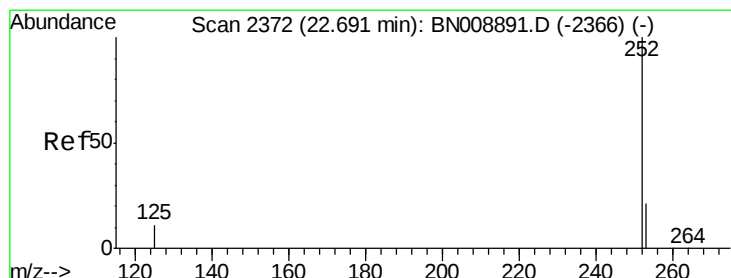
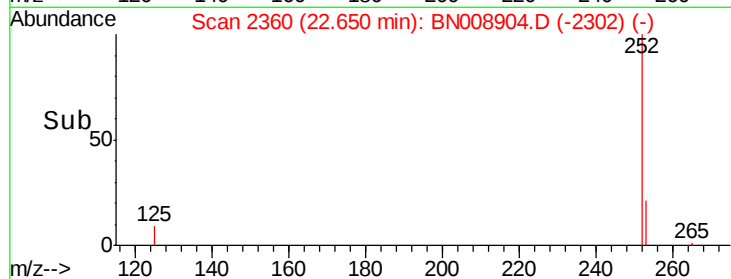
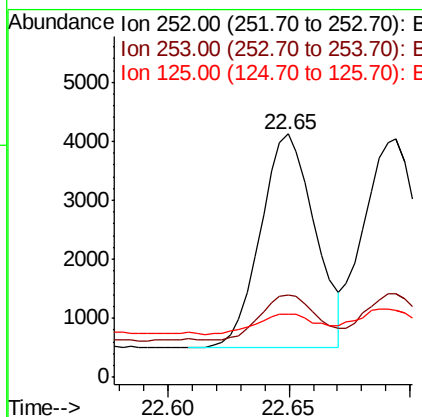
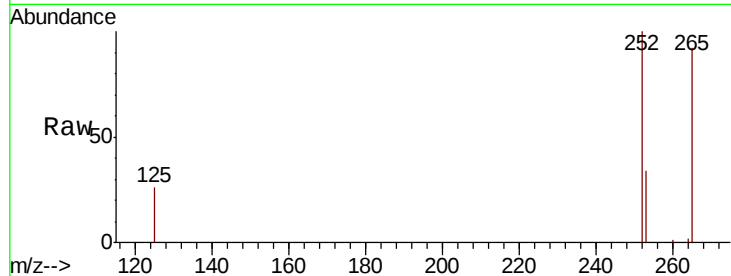
#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.8	29.6#
125	26.0	10.8	16.2#

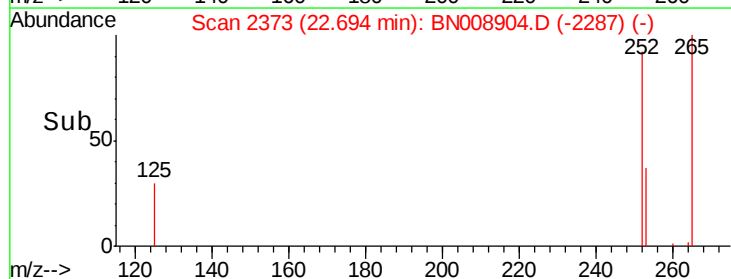
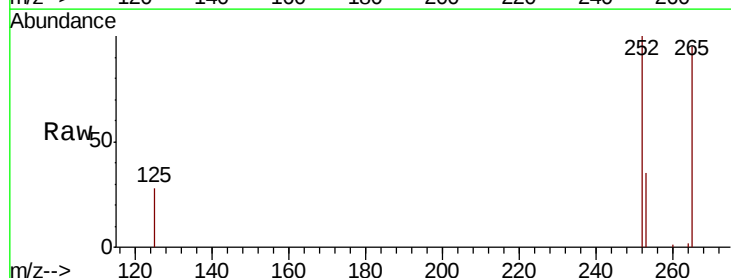
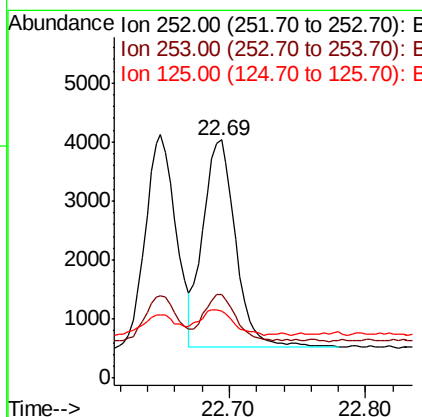
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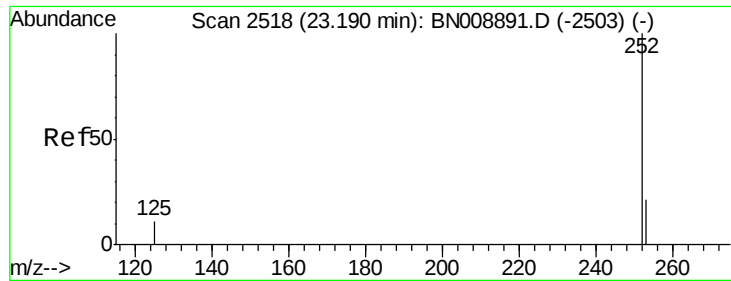
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN008904.D
Acq: 10 Dec 2019 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	19.2	28.8#
125	28.0	11.6	17.4#





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN008904.D

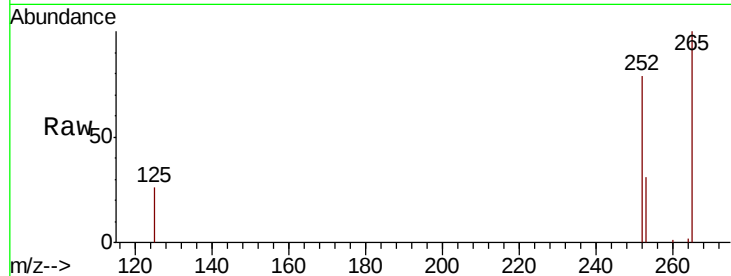
Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

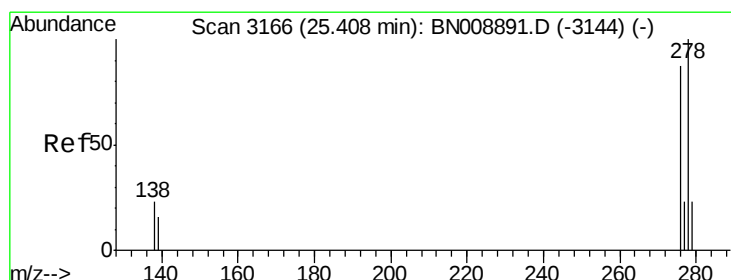
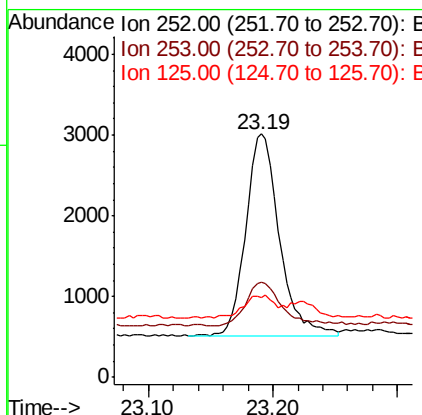
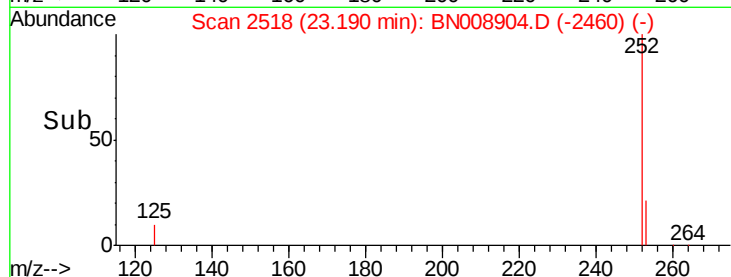
LOQ-SOIL-02-QT4-2019



Tot Ion:	252	Resp:	4688
Ion Ratio	Lower	Upper	
252	100		
253	39.3	19.9	29.9#
125	33.0	12.3	18.5#

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#38

Dibenzo(a,h)anthracene

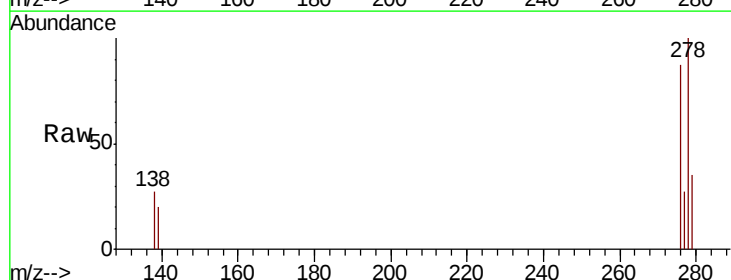
Concen: 0.083 ng

RT: 25.41 min Scan# 3167

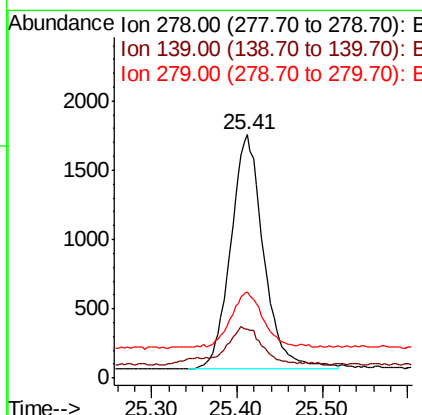
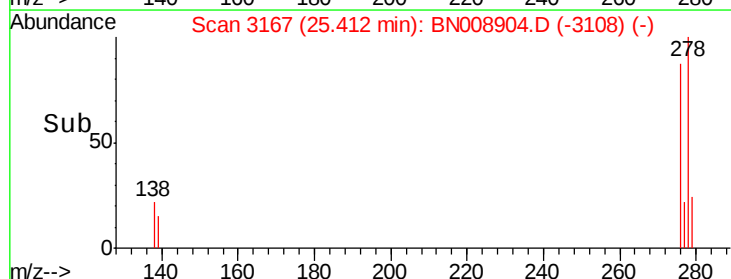
Delta R.T. 0.00 min

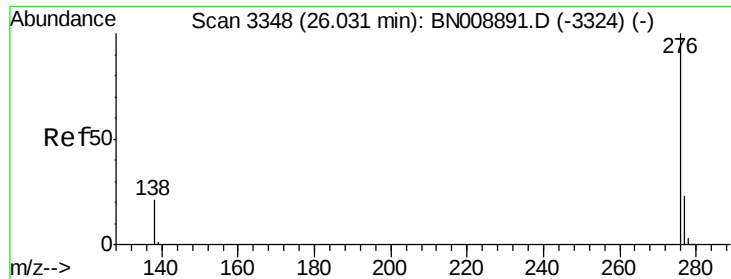
Lab File: BN008904.D

Acq: 10 Dec 2019 13:50



Tgt Ion:	278	Resp:	4494
Ion Ratio	Lower	Upper	
278	100		
139	20.0	13.9	20.9
279	35.2	20.2	30.4#





#39

Benzo(a,h,i)perylene

Concen: 0.091 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BN008904.D

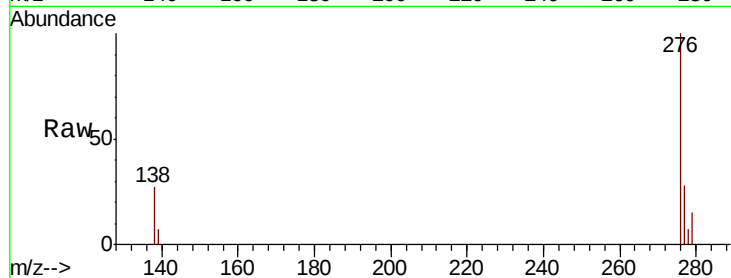
Acq: 10 Dec 2019 13:50

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2019



Tot Ion:	276	Resp:	4848
Ion Ratio	Lower	Upper	
276	100		
277	27.8	19.4	29.2
138	26.7	17.8	26.6

Manual Integrations
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