

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006643.D
 Acq On : 29 Jun 2019 09:06
 Operator : HP/JU
 Sample : K3446-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW121-061819

Manual Integrations
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Quant Time: Jul 01 08:26:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 13:47:56 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4709	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	20257	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	12560	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	28726	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	26347	0.40	ng	-0.01
34) Perylene-d12	23.50	264	23652	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	3845	0.33	ng	0.00
5) Phenol-d6	6.81	99	5809	0.38	ng	-0.02
8) Nitrobenzene-d5	8.79	82	4226	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	11698	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1741	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16021	0.34	ng	-0.01
25) Fluoranthene-d10	19.08	212	30800	0.37	ng	0.00
29) Terphenyl-d14	19.68	244	21005	0.38	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.45	128	4747	0.089	ng	# 95
12) 2-Methylnaphthalene	12.07	142	2429	0.066	ng	97
16) Acenaphthylene	13.99	152	19885	0.332	ng	99
17) Acenaphthene	14.33	154	3306	0.084	ng	97
18) Fluorene	15.32	166	4461	0.090	ng	# 90
23) Phenanthrene	17.07	178	102049	1.249	ng	100
24) Anthracene	17.16	178	23800	0.336	ng	98
26) Fluoranthene	19.10	202	265087	2.670	ng	99
28) Pyrene	19.47	202	301834	3.274	ng	96
30) Benzo(a)anthracene	21.24	228	151572	1.760	ng	97
31) Chrysene	21.29	228	202949	2.186	ng	97
32) Bis(2-ethylhexyl)phthalate	21.16	149	22728	0.524	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	76304	0.812	ng	96
35) Benzo(b)fluoranthene	22.83	252	199477	2.479	ng	99
36) Benzo(k)fluoranthene	22.87	252	58049m	0.677	ng	
37) Benzo(a)pyrene	23.40	252	119016	1.582	ng	100
38) Dibenzo(a,h)anthracene	25.73	278	20052	0.305	ng	# 86
39) Benzo(g,h,i)perylene	26.41	276	78863	1.202	ng	99

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

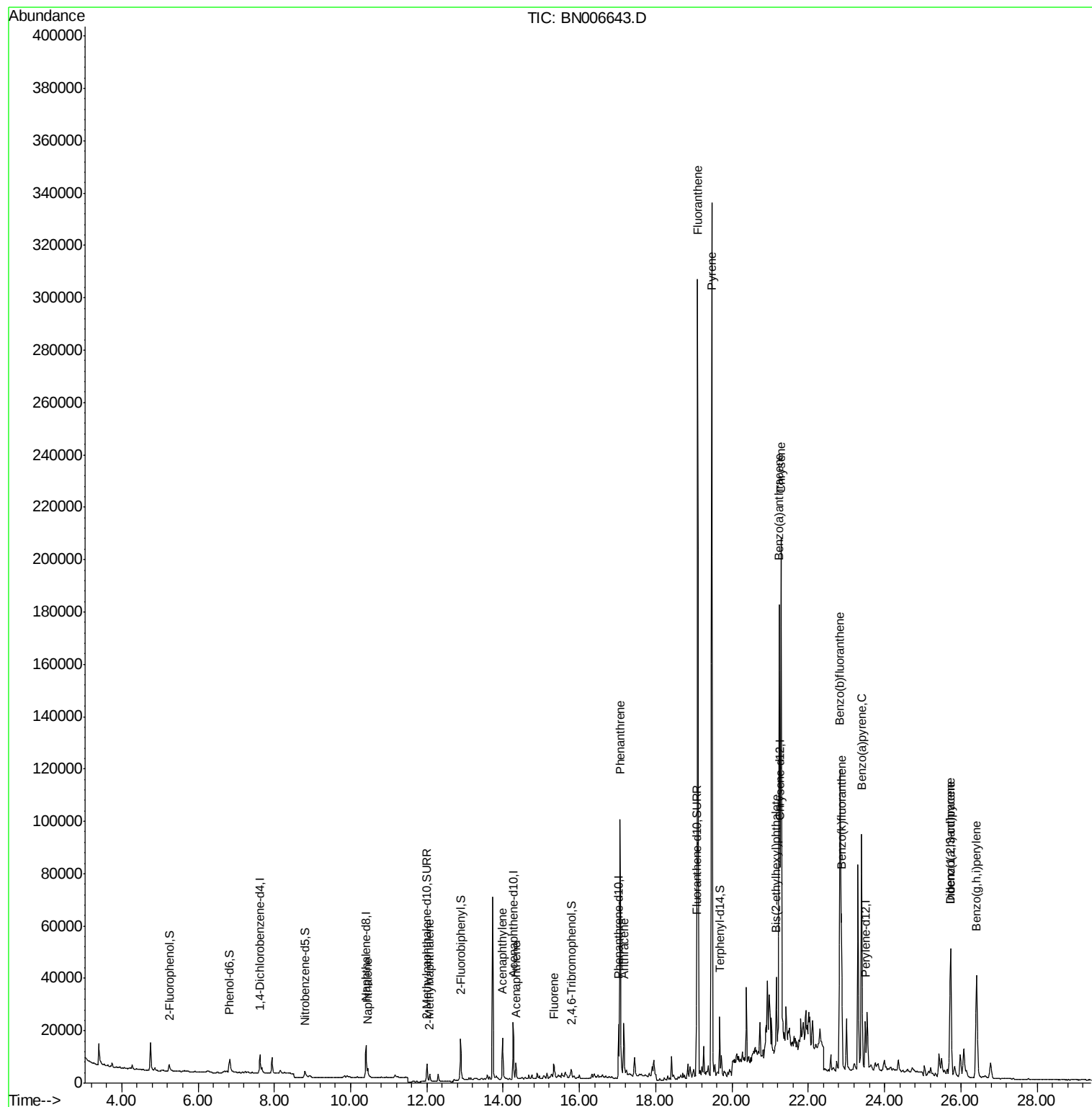
Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006643.D
Acq On : 29 Jun 2019 09:06
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ALS Vial : 23 Sample Multiplier: 1

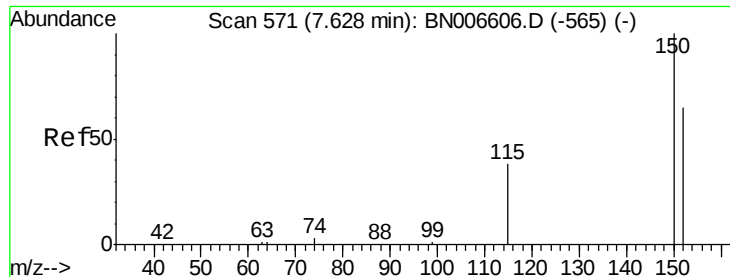
Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

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Quant Time: Jul 01 08:26:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
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QLast Update : Fri Jun 28 13:47:56 2019
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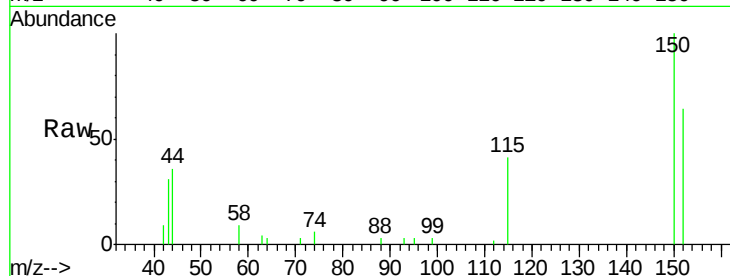




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

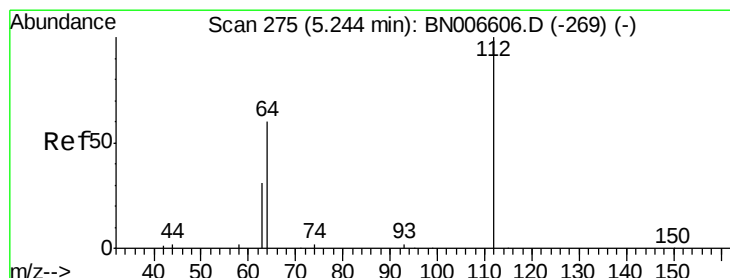
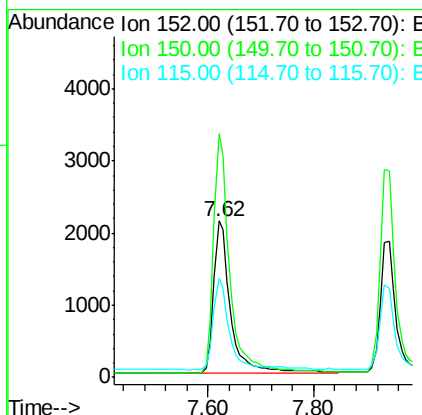
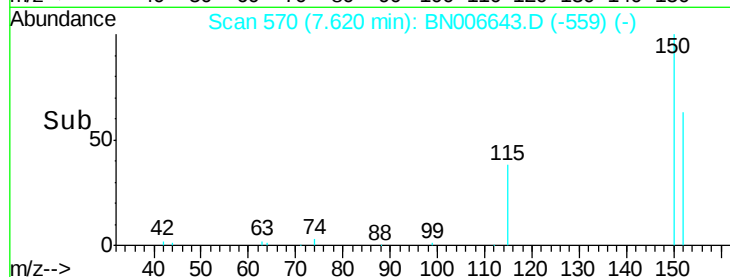
Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819



Tgt Ion:152 Resp: 4709
Ion Ratio Lower Upper
152 100
150 156.0 122.2 183.2
115 63.8 50.0 75.0

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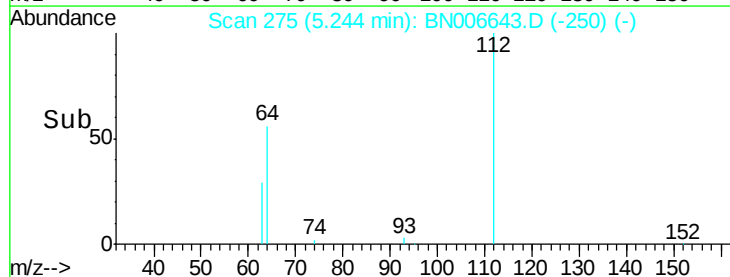
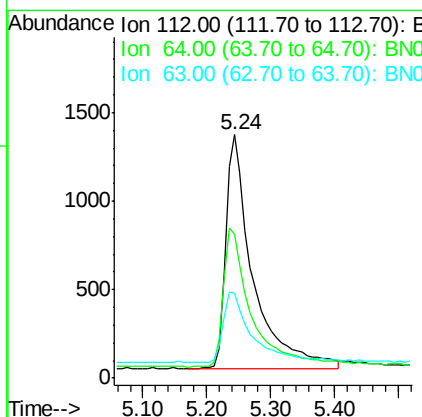
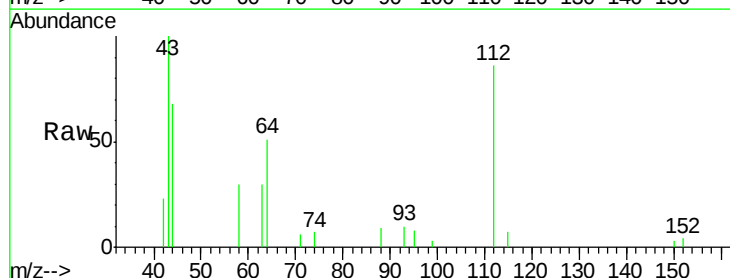
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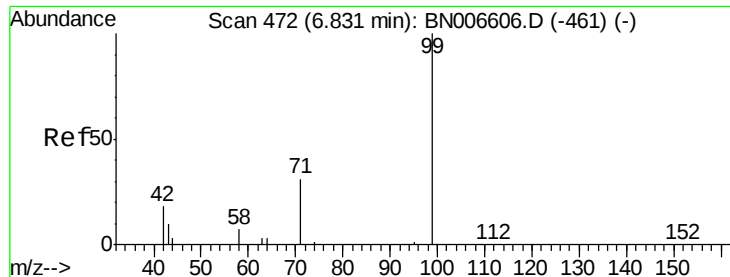


#4

2-Fluorophenol
Concen: 0.333 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion:112 Resp: 3845
Ion Ratio Lower Upper
112 100
64 60.7 48.9 73.3
63 33.2 24.3 36.5





#5

Phenol-d6

Concen: 0.380 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

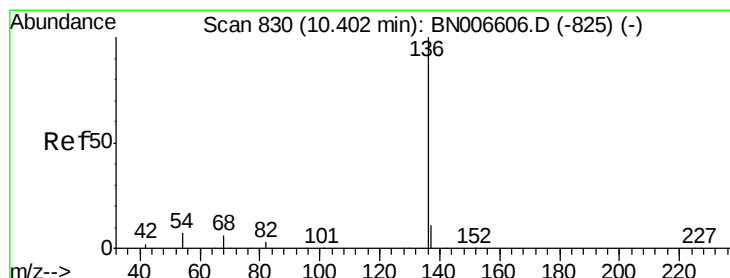
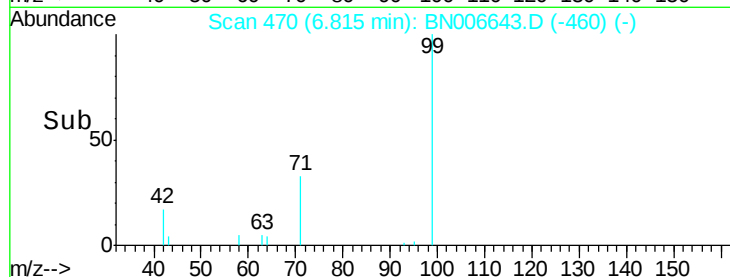
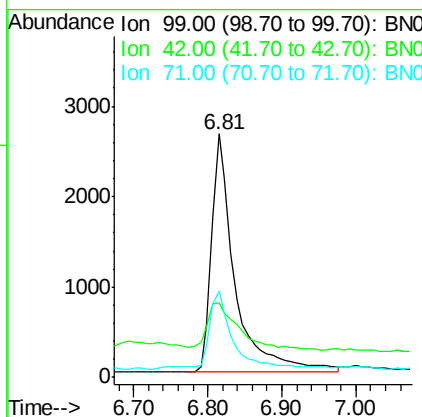
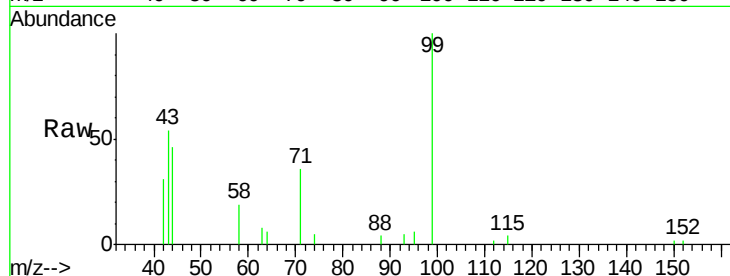
ClientSampleId :

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Tgt Ion:	99	Resp:	5809
Ion Ratio	Lower	Upper	
99	100		
42	26.3	16.4	24.6#
71	29.4	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

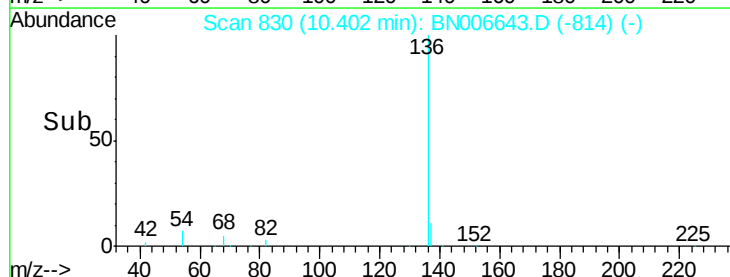
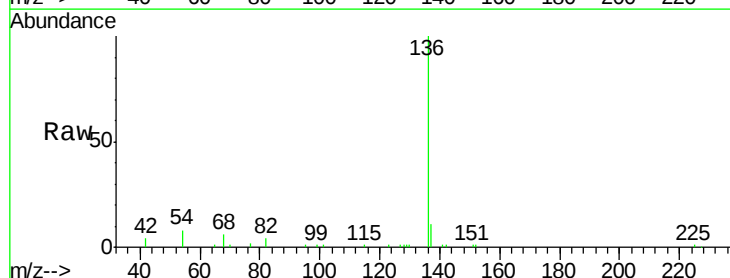
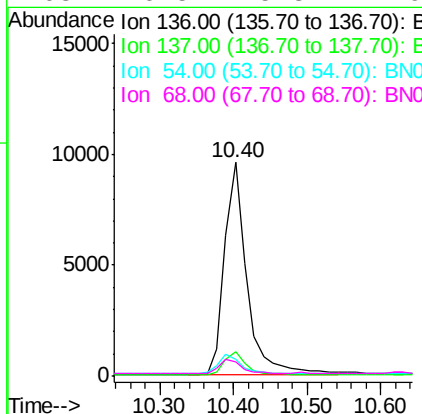
RT: 10.40 min Scan# 830

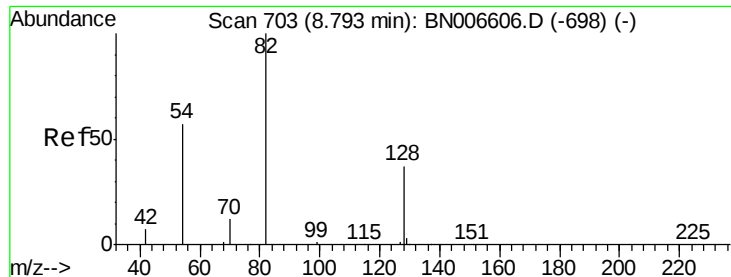
Delta R.T. -0.00 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	136	Resp:	20257
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	8.1	6.7	10.1
68	6.5	5.3	7.9





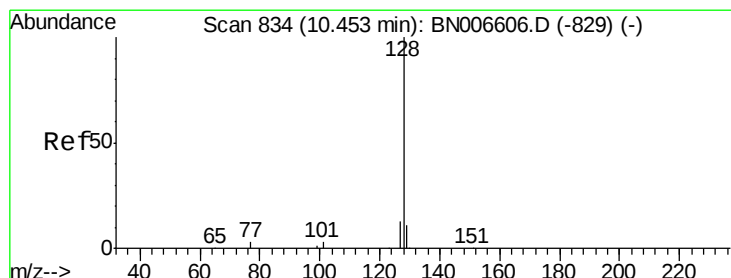
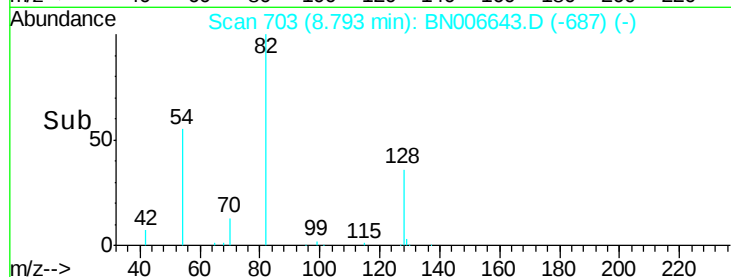
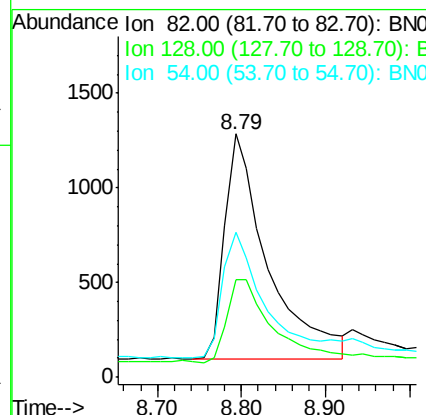
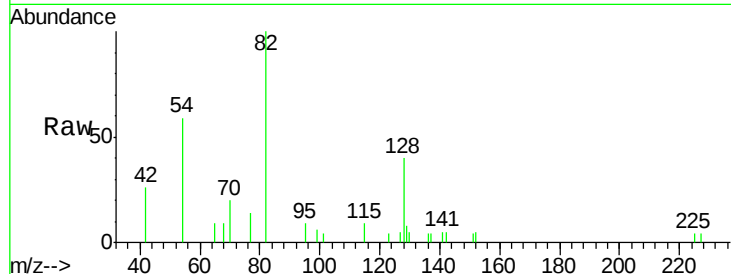
#8
 Nitrobenzene-d5
 Concen: 0.310 ng
 RT: 8.79 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	49.0
54	59.4	48.2	72.4

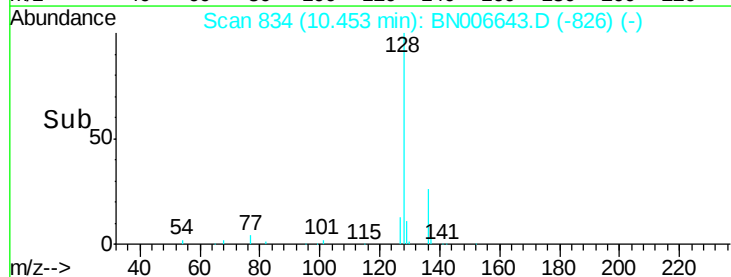
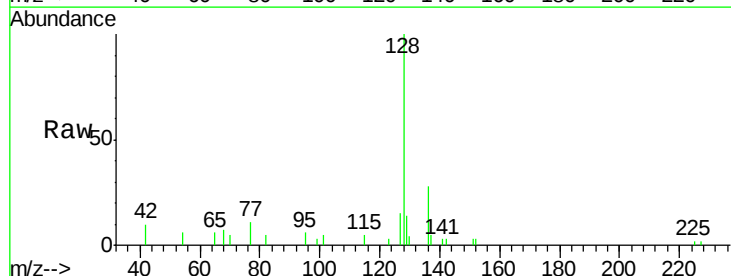
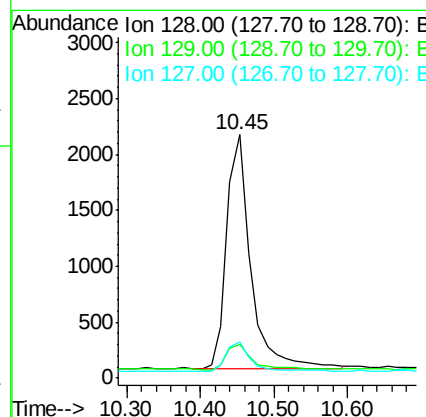
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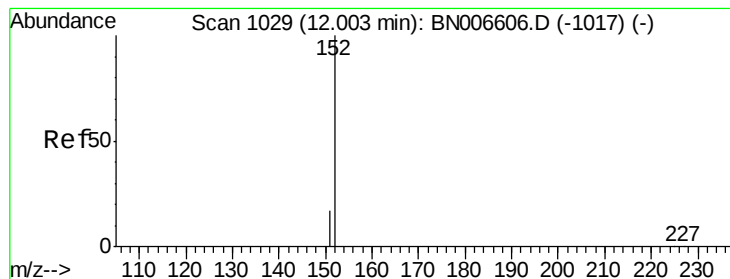
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#9
 Naphthalene
 Concen: 0.089 ng
 RT: 10.45 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.3	13.9#
127	15.0	10.8	16.2





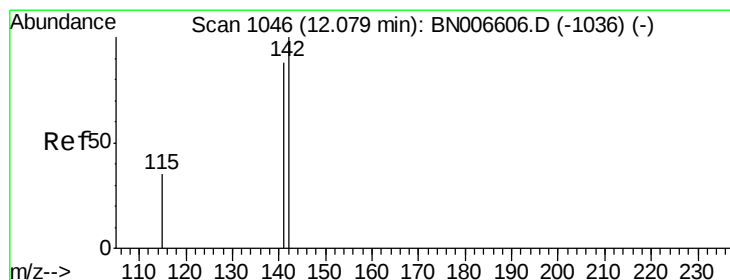
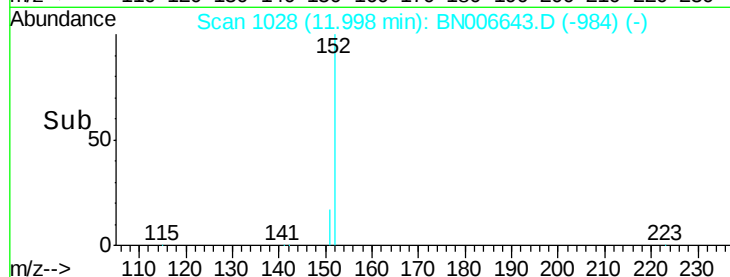
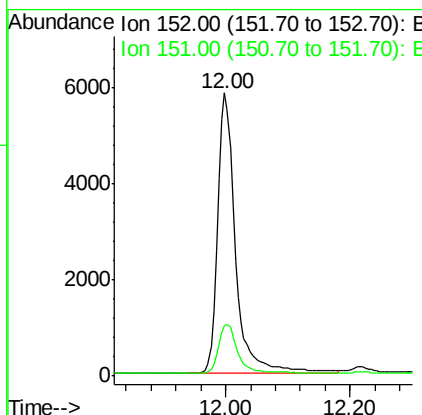
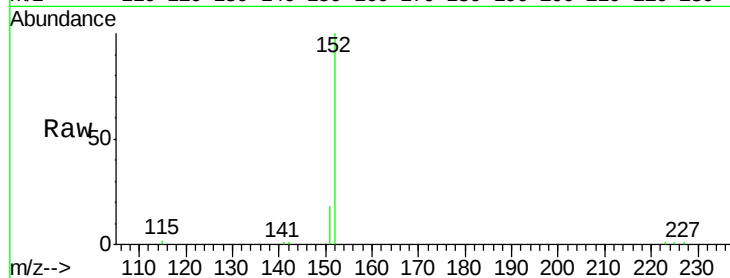
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion:152 Resp: 11698
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.4

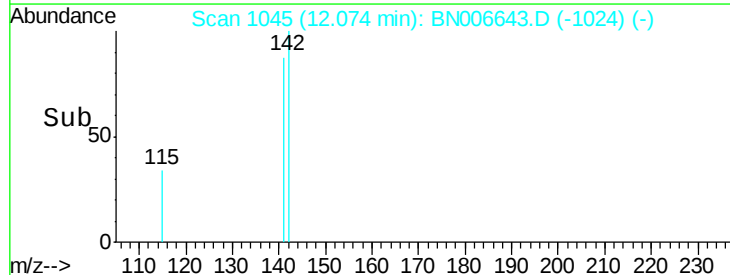
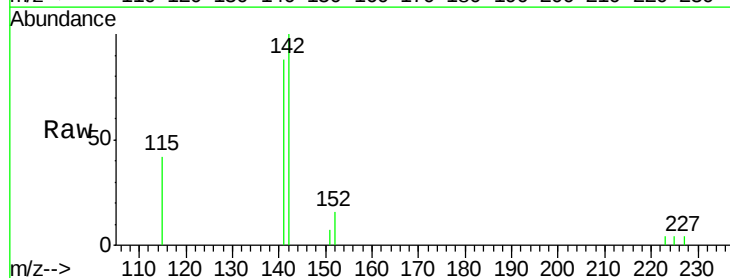
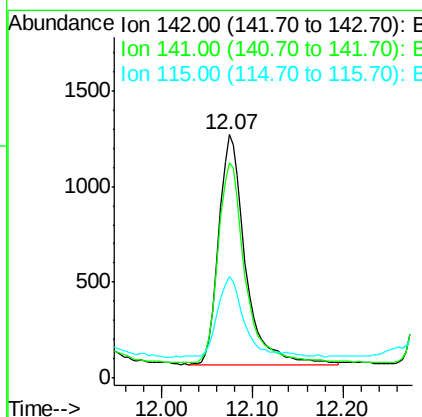
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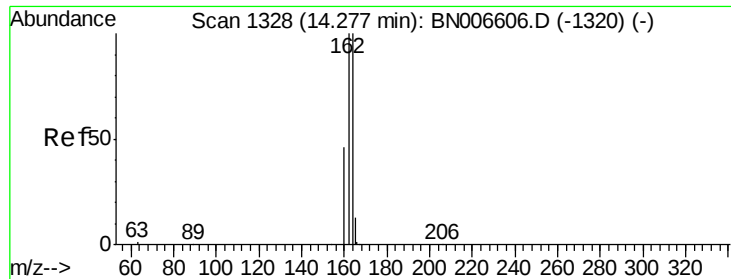
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#12
2-Methylnaphthalene
Concen: 0.066 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion:142 Resp: 2429
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 41.6 28.5 42.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

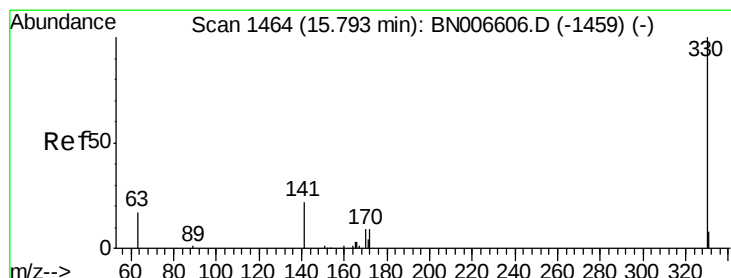
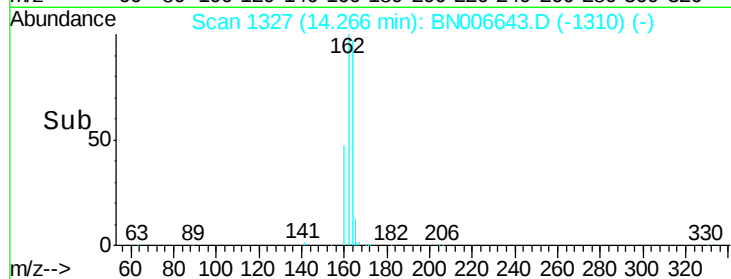
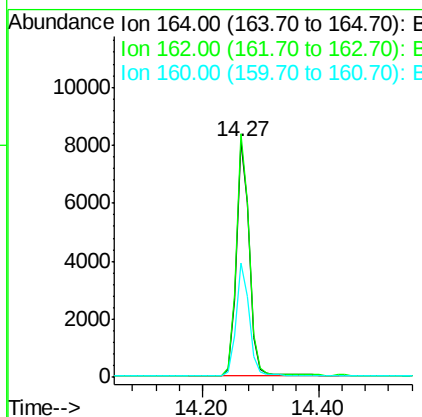
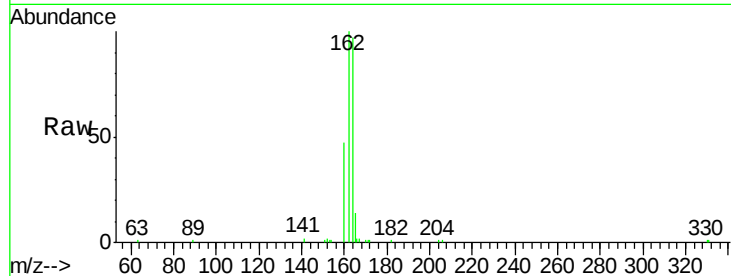
ClientSampleId :

PST-008-SW121-061819

Tgt Ion:	164	Resp:	12560
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.0	120.0
160	48.6	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.294 ng

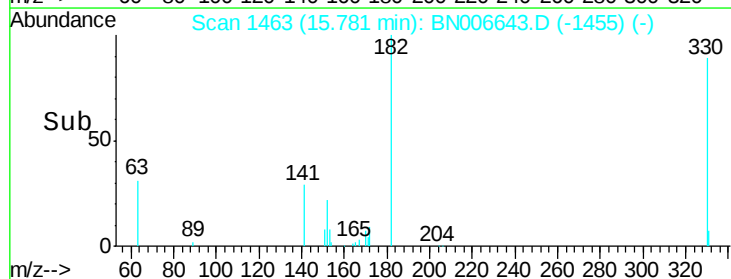
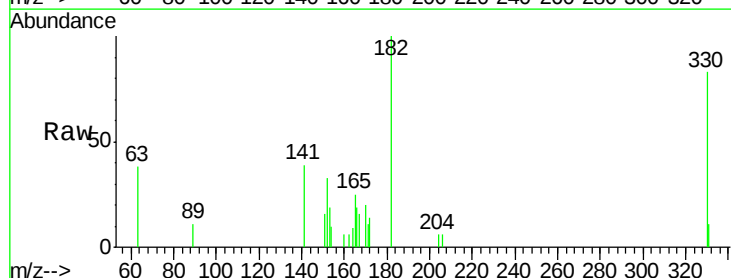
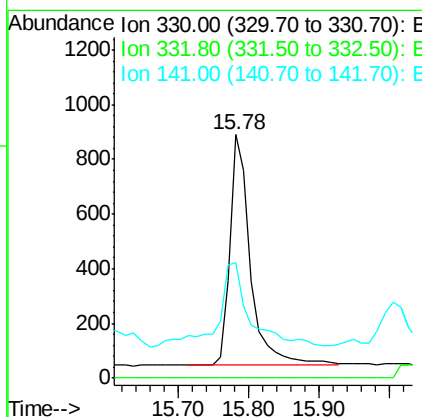
RT: 15.78 min Scan# 1463

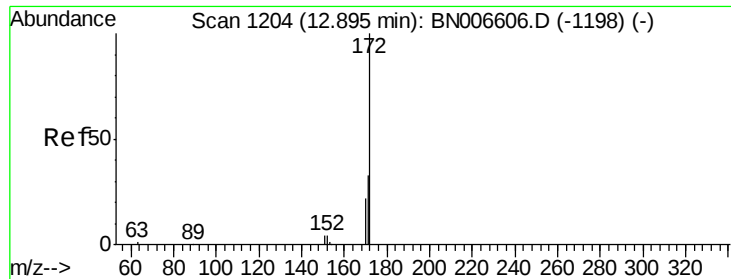
Delta R.T. -0.01 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	330	Resp:	1741
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	51.4	26.5	39.7#





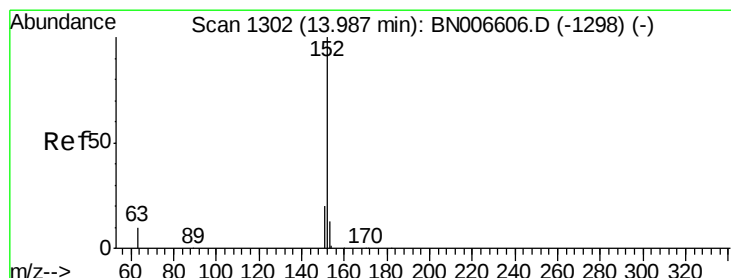
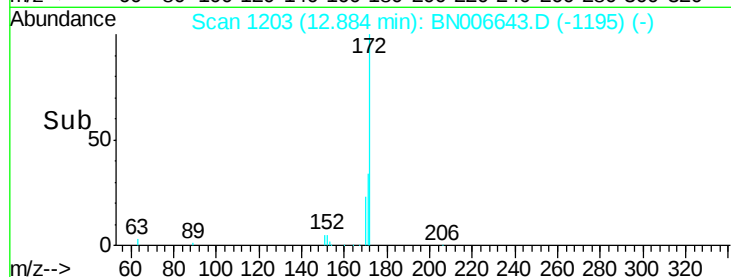
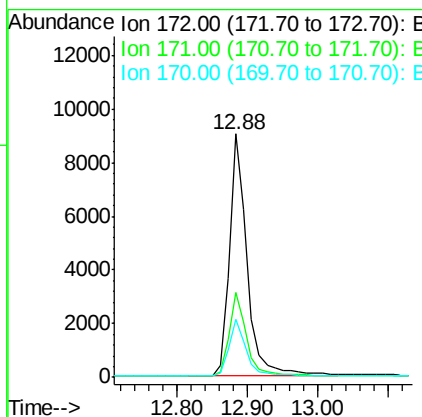
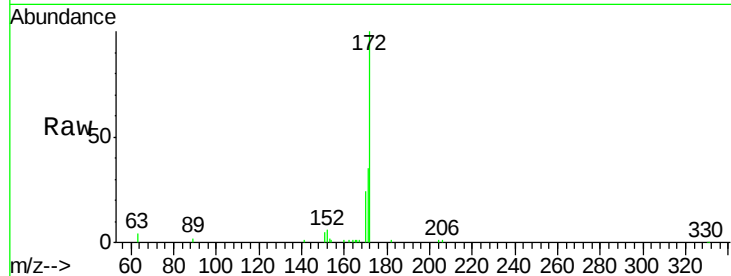
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.0	40.4
170	23.8	17.7	26.5

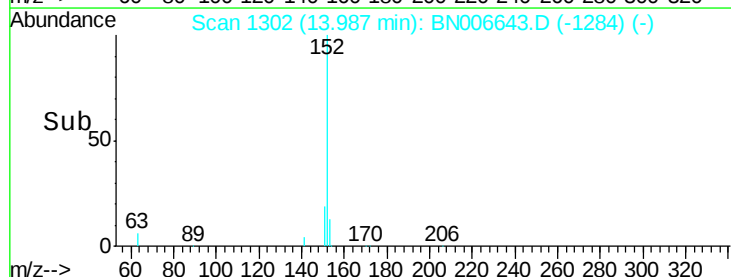
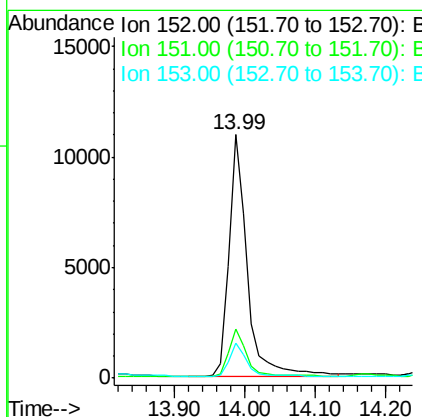
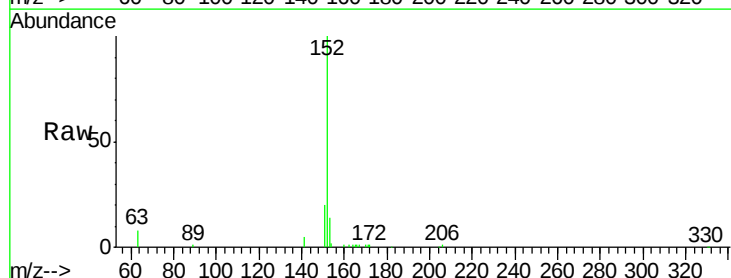
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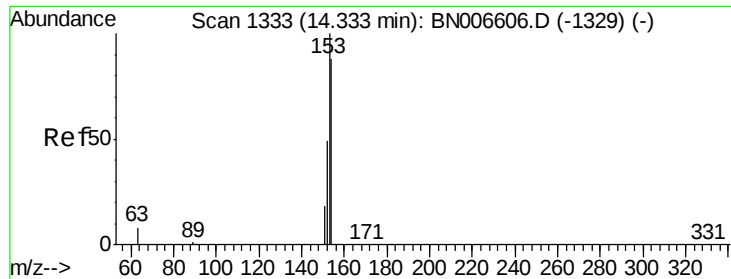
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#16
Acenaphthylene
Concen: 0.332 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.4	10.5	15.7





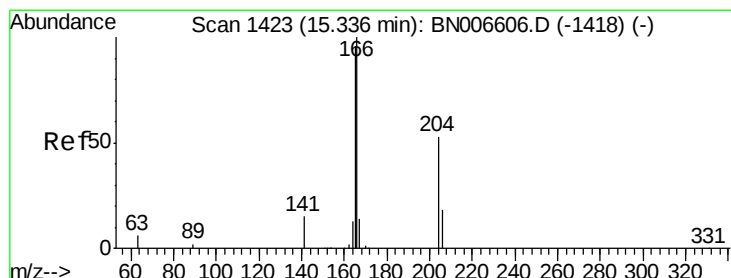
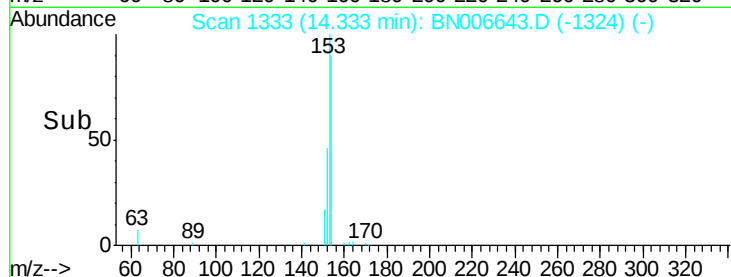
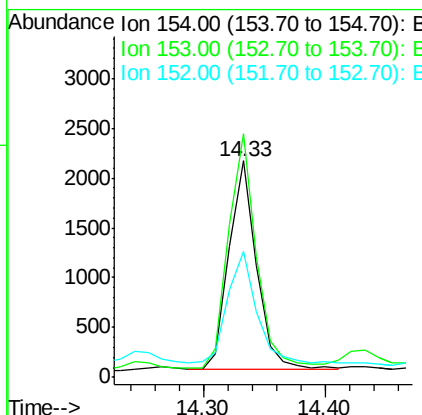
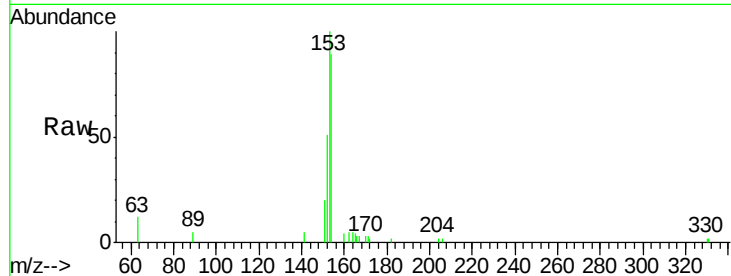
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.4
152	61.1	44.2	66.4

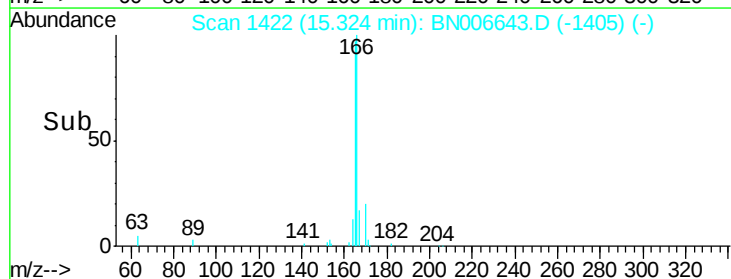
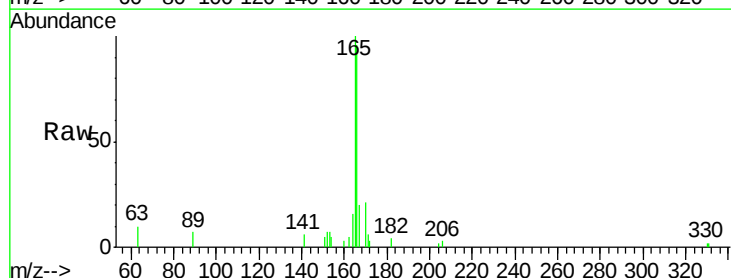
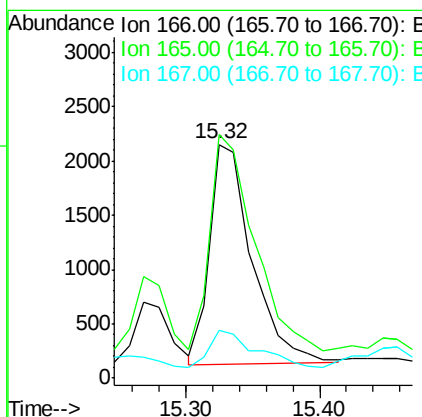
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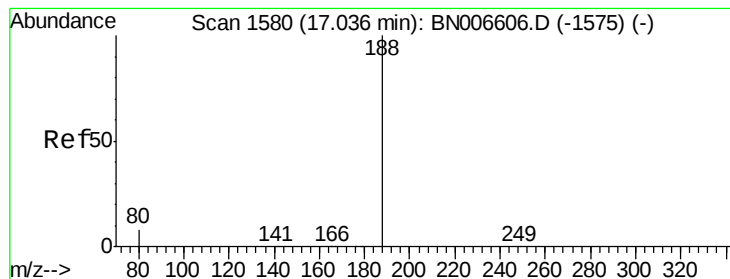
mohammad
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#18
Fluorene
Concen: 0.090 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.0	78.4	117.6
167	18.3	10.8	16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

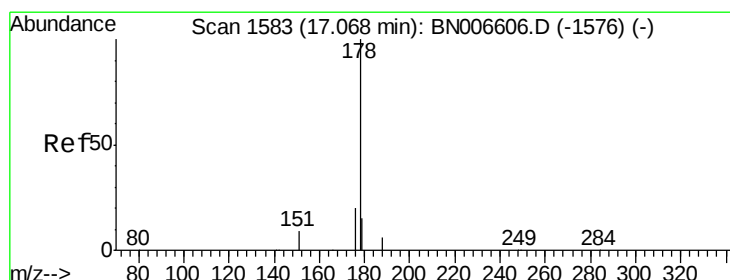
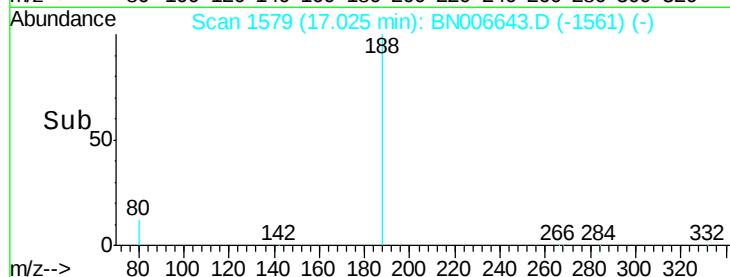
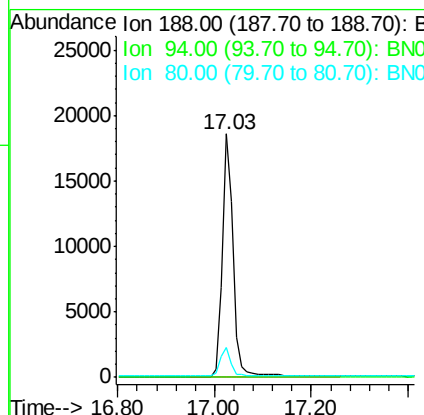
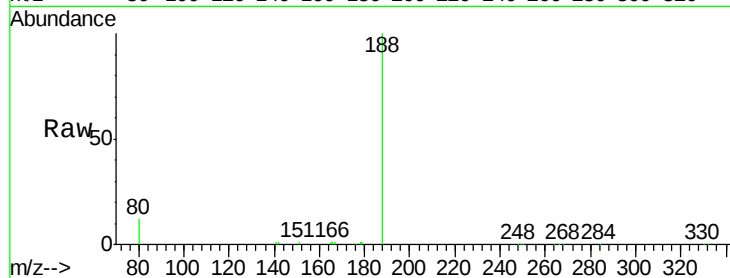
ClientSampleId :

PST-008-SW121-061819

Tgt Ion:	188	Resp:	28726
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	7.1	10.7#

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#23

Phenanthrene

Concen: 1.249 ng

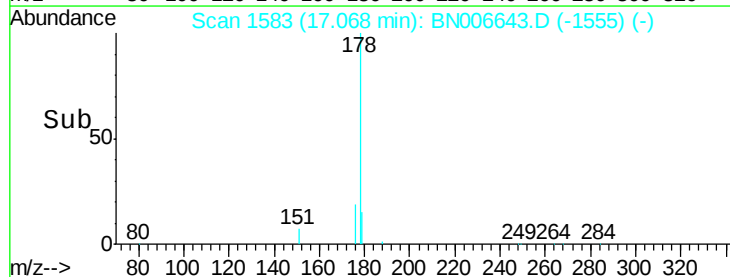
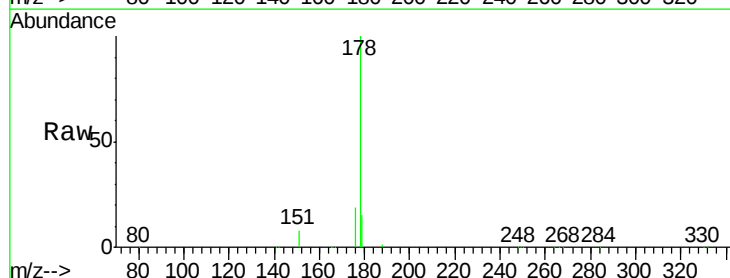
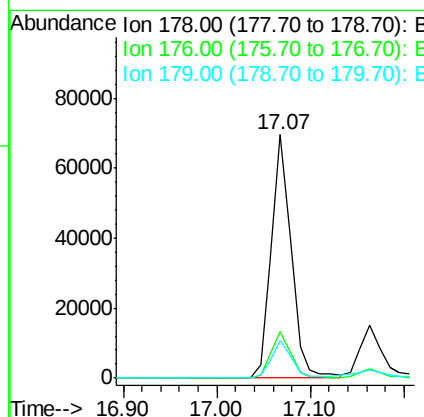
RT: 17.07 min Scan# 1583

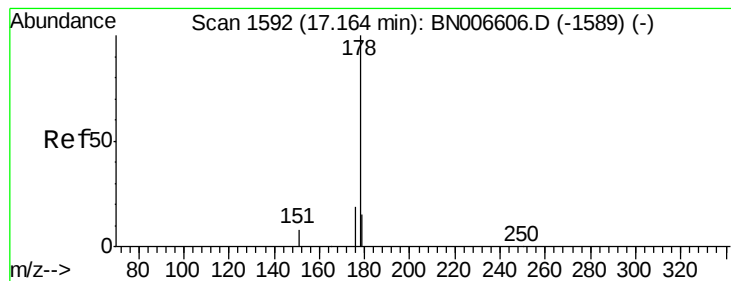
Delta R.T. -0.00 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	178	Resp:	102049
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.3	22.9
179	15.2	12.2	18.4





#24

Anthracene

Concen: 0.336 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

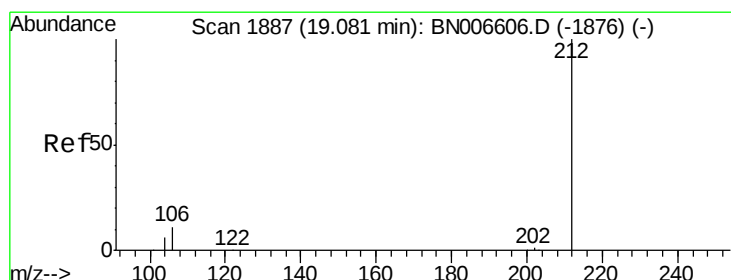
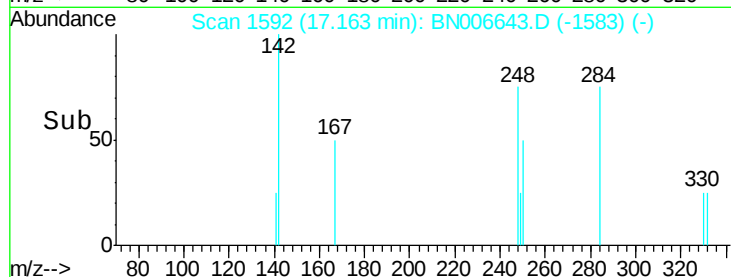
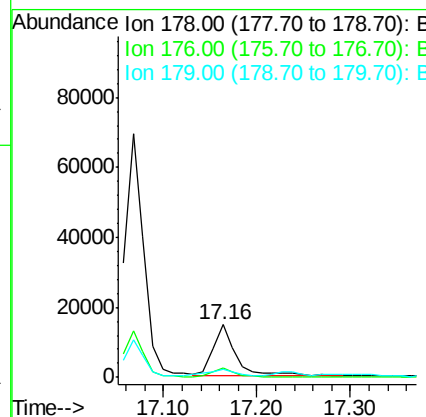
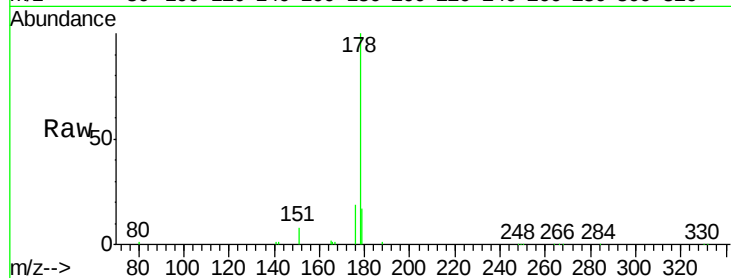
ClientSampleId :

PST-008-SW121-061819

Tgt Ion:	178	Resp:	23800
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.0	22.4
179	16.3	12.2	18.2

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#25

Fluoranthene-d10

Concen: 0.365 ng

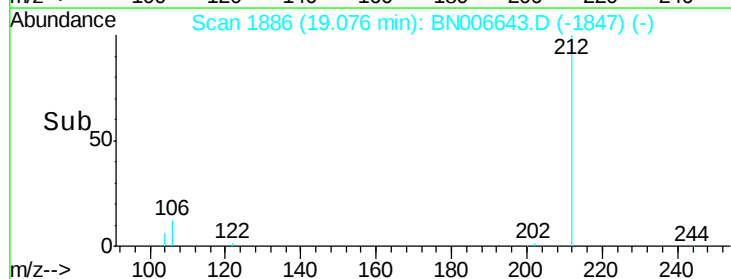
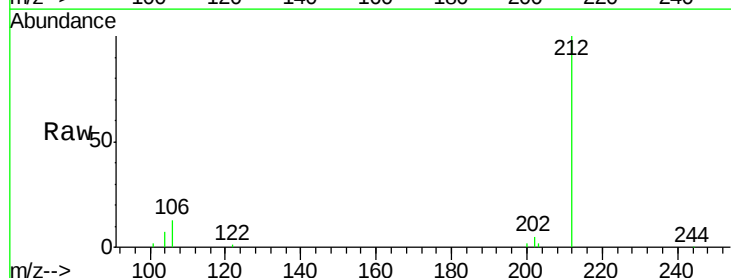
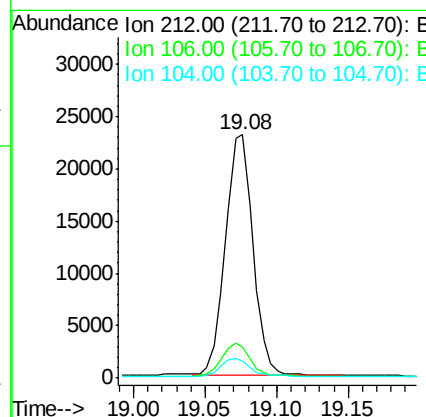
RT: 19.08 min Scan# 1886

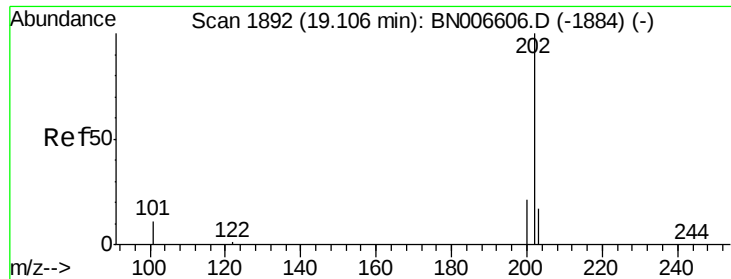
Delta R.T. -0.01 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	212	Resp:	30800
Ion Ratio	Lower	Upper	
212	100		
106	14.2	10.6	15.8
104	8.0	5.8	8.6





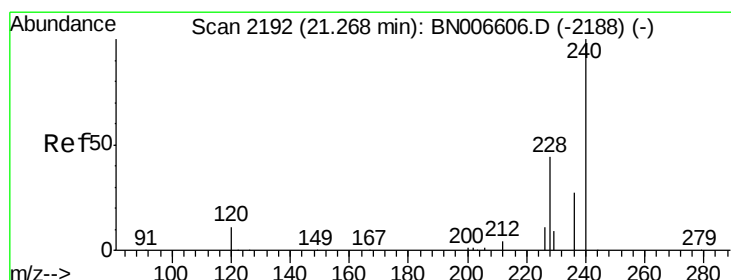
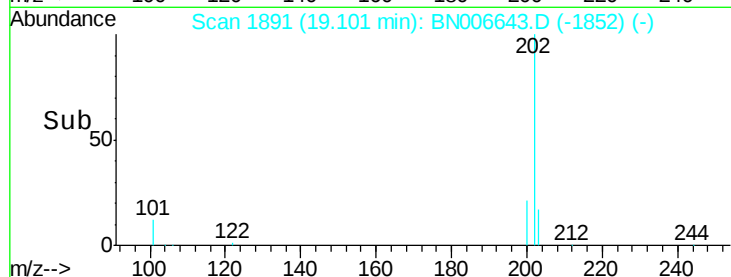
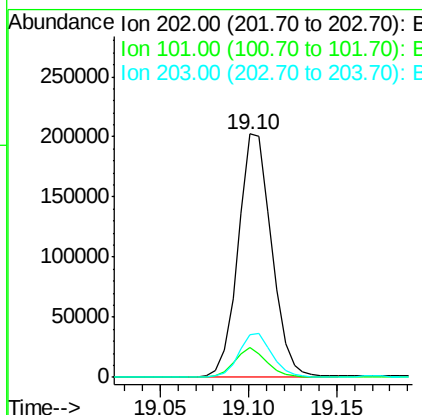
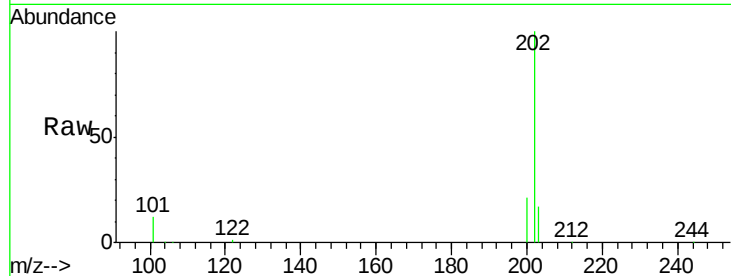
#26
Fluoranthene
Concen: 2.670 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	8.9	13.3
203	17.5	13.6	20.4

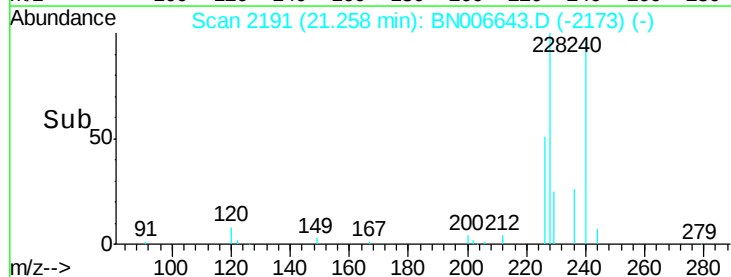
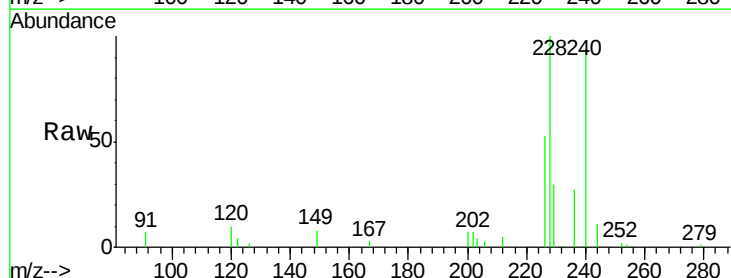
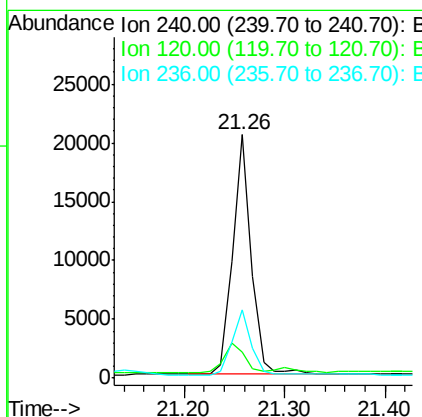
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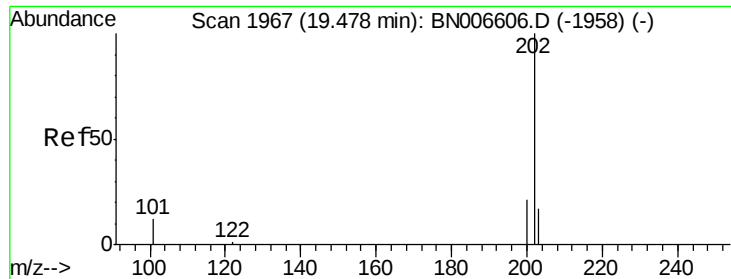
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.9	9.9	14.9
236	28.2	22.2	33.4





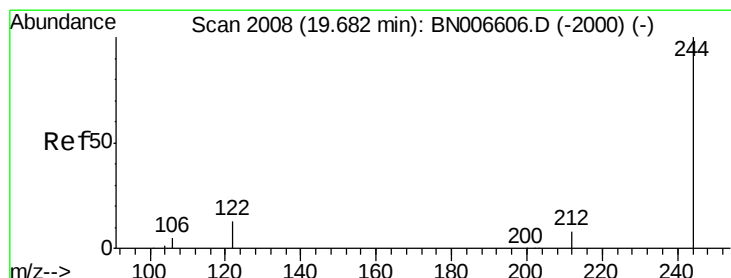
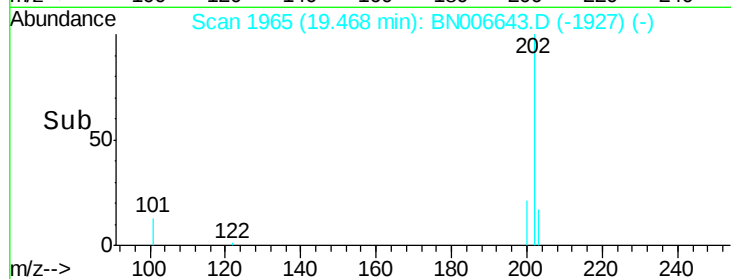
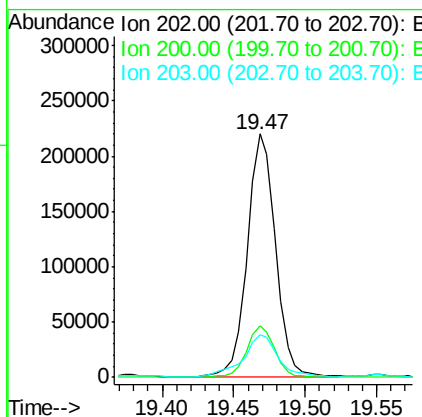
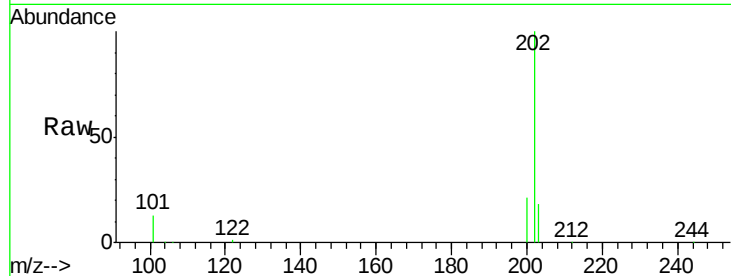
#28
 Pyrene
 Concen: 3.274 ng
 RT: 19.47 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW121-061819

Tgt Ion:	202	Resp:	301834
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.7	25.1
203	21.1	14.1	21.1

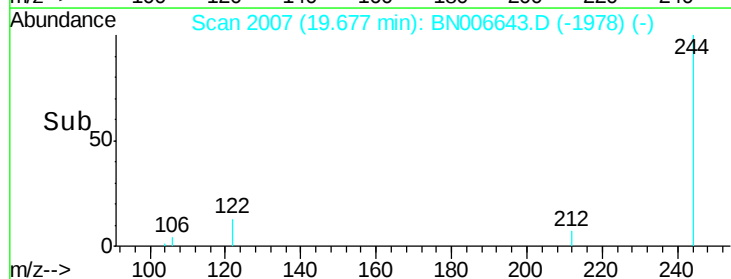
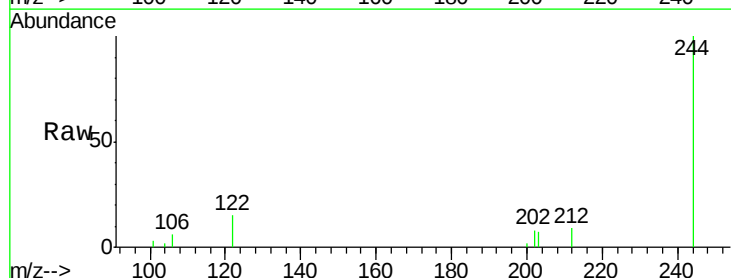
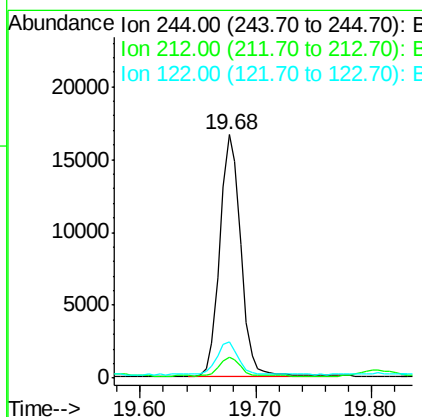
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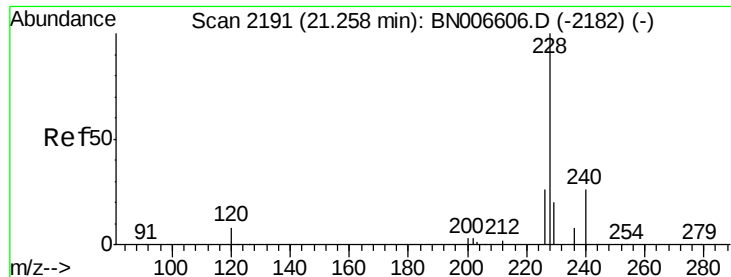
mohammad
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#29
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 19.68 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Tgt Ion:	244	Resp:	21005
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.7	10.1
122	14.7	11.0	16.6





#30

Benzo(a)anthracene

Concen: 1.760 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

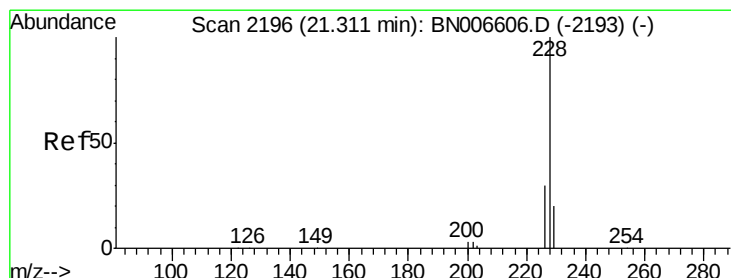
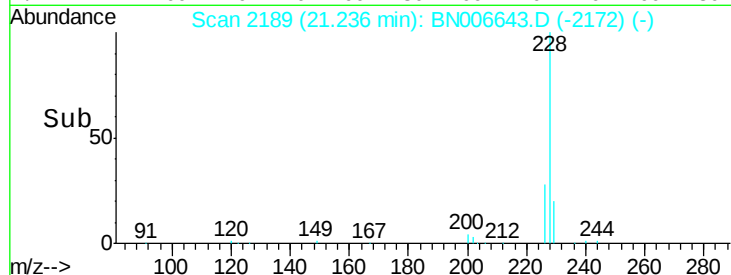
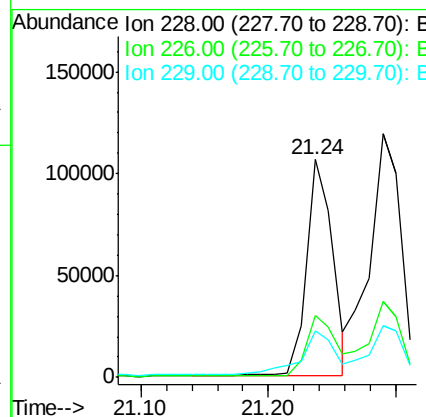
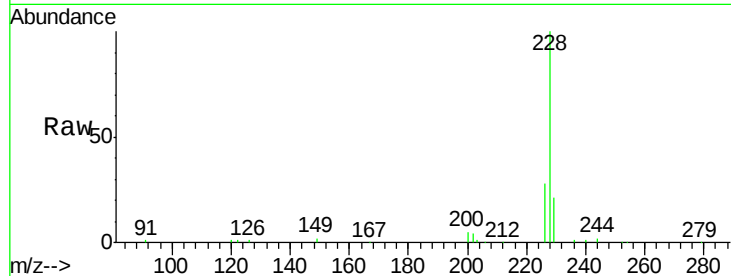
ClientSampleId :

PST-008-SW121-061819

Tgt Ion:	228	Resp:	151572
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.2	31.8
229	21.2	16.1	24.1

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#31

Chrysene

Concen: 2.186 ng

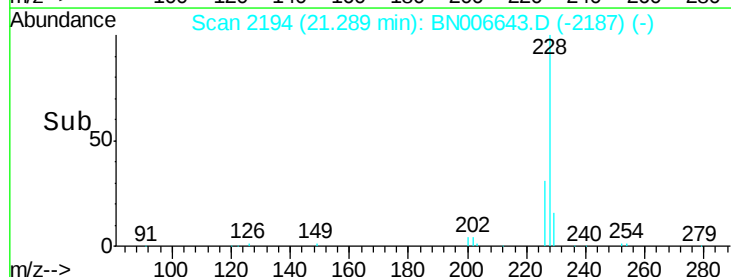
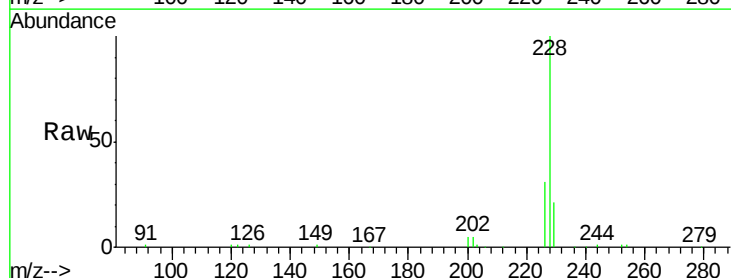
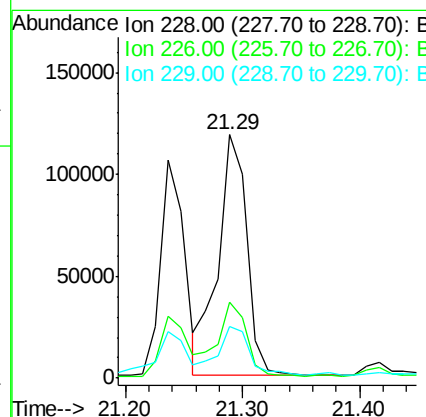
RT: 21.29 min Scan# 2194

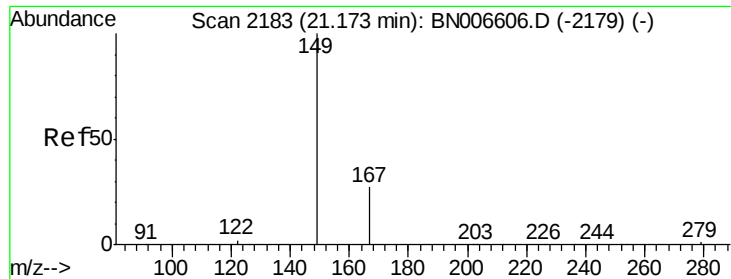
Delta R.T. -0.02 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	228	Resp:	202949
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.8	35.6
229	21.2	15.9	23.9





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.524 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Instrument :

BNA_N

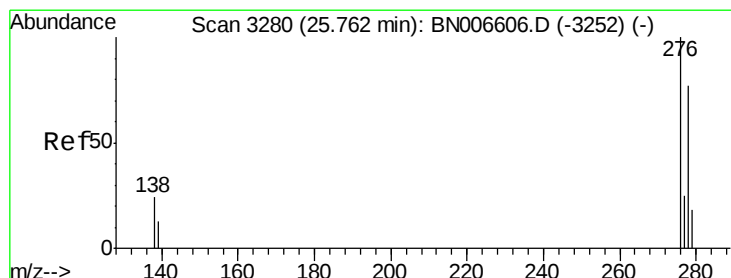
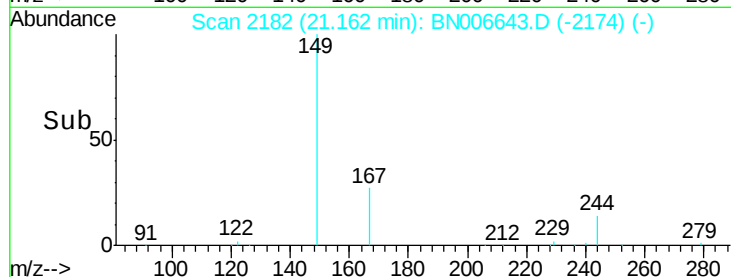
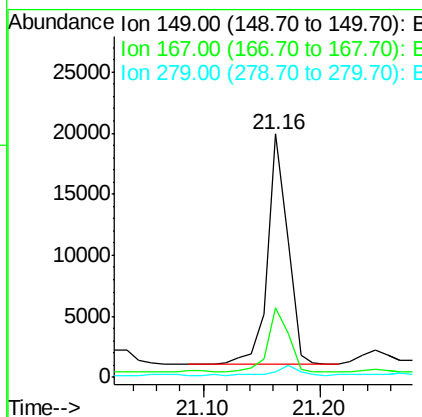
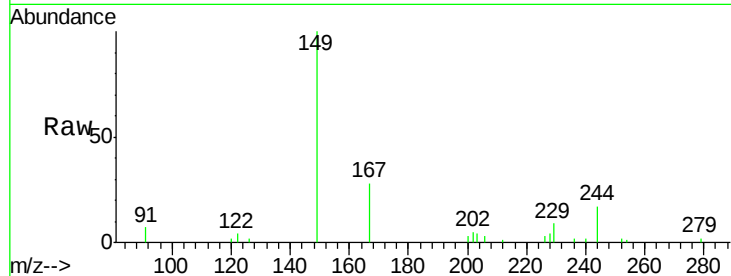
ClientSampleId :

PST-008-SW121-061819

Tgt Ion:	149	Resp:	22728
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.9	34.3
279	3.9	3.3	4.9

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.812 ng

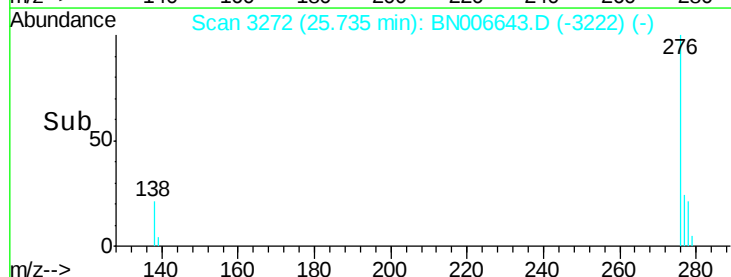
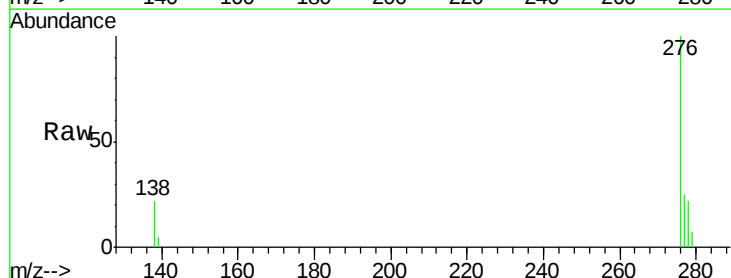
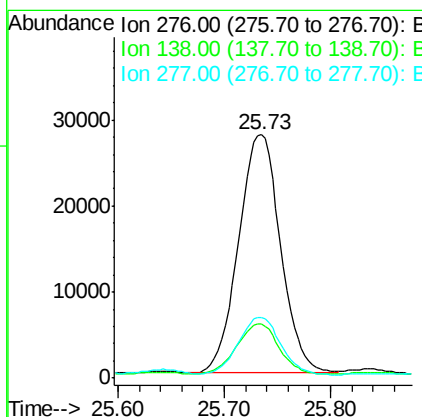
RT: 25.73 min Scan# 3272

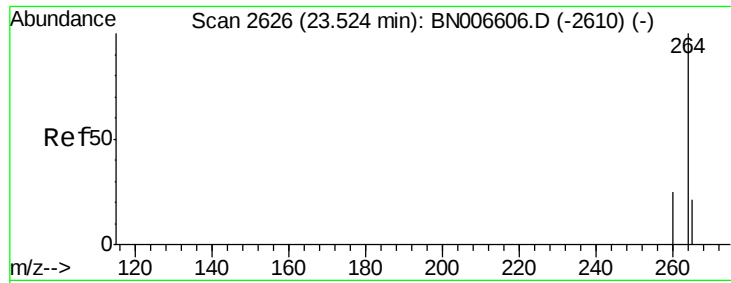
Delta R.T. -0.03 min

Lab File: BN006643.D

Acq: 29 Jun 2019 09:06

Tgt Ion:	276	Resp:	76304
Ion Ratio	Lower	Upper	
276	100		
138	21.2	19.3	28.9
277	24.0	19.9	29.9





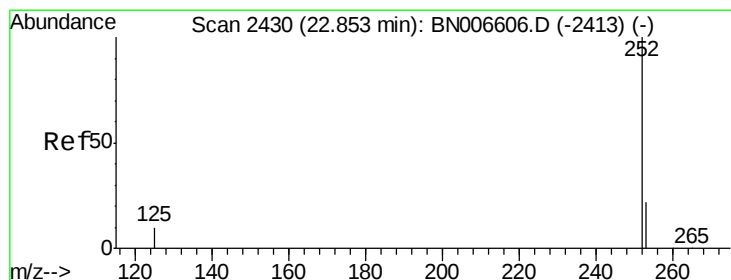
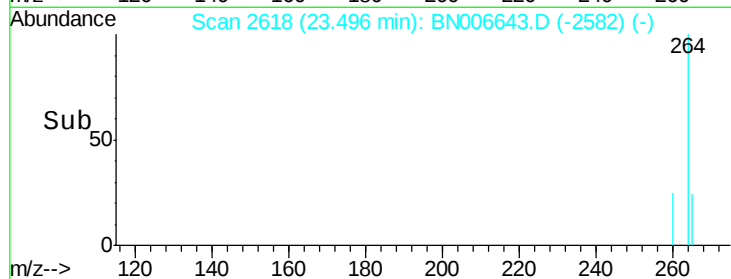
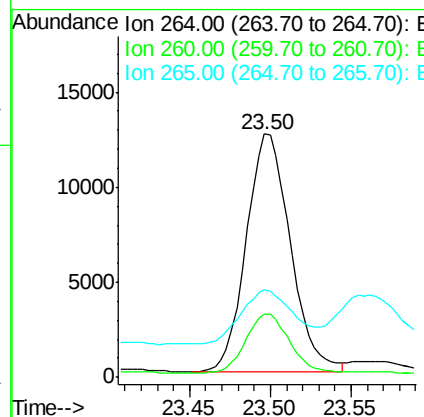
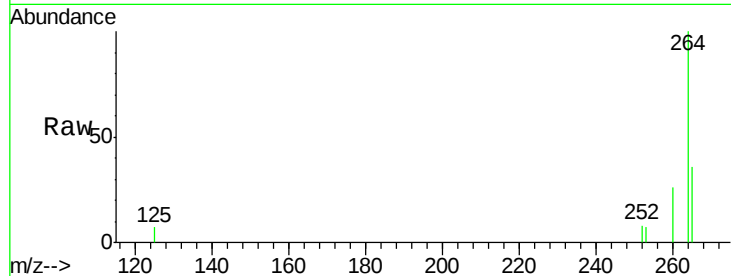
#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Instrument :
 BNA_N
 ClientSampleId :
 PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	35.8	23.3	34.9

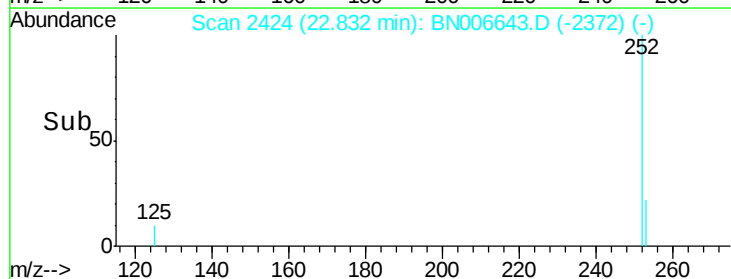
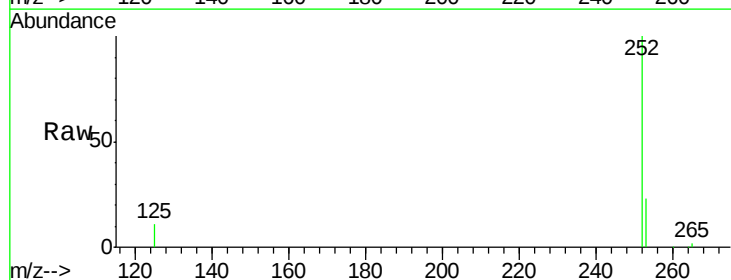
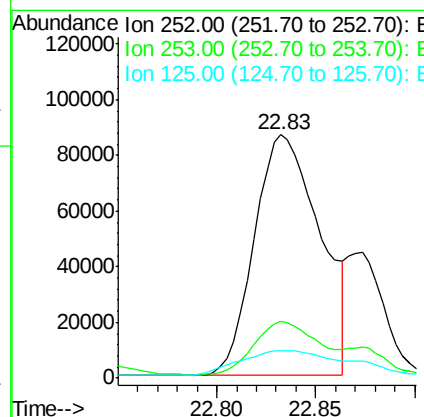
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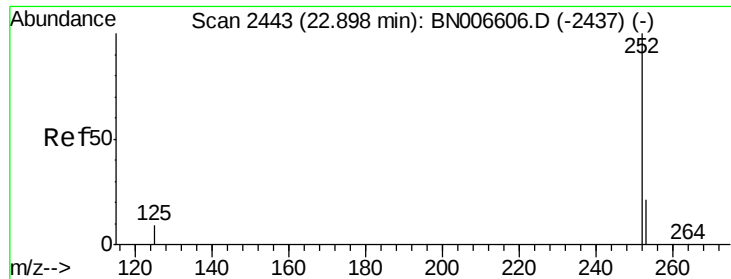
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#35
Benzo(b)fluoranthene
 Concen: 2.479 ng
 RT: 22.83 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BN006643.D
 Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.5	8.7	13.1





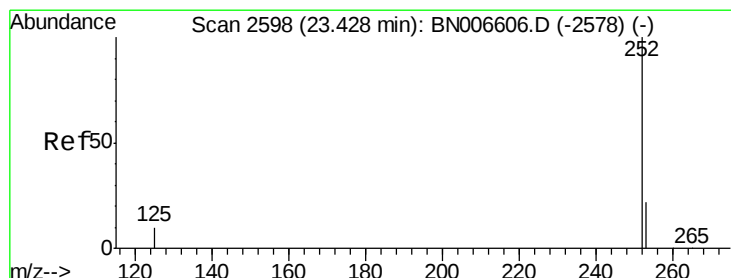
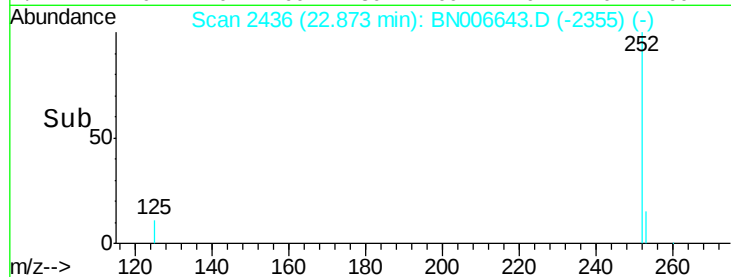
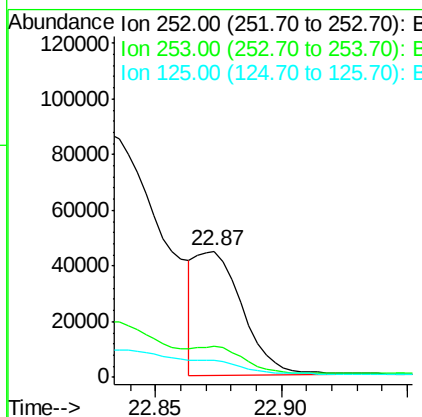
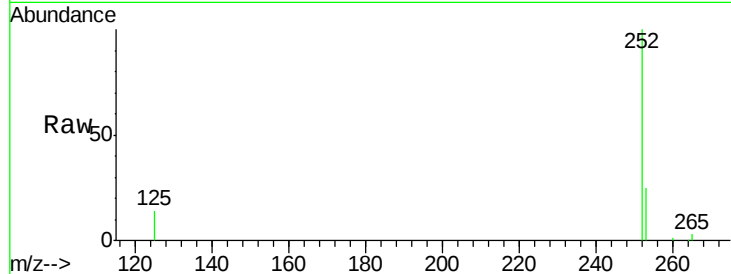
#36
Benzo(k)fluoranthene
Concen: 0.677 ng m
RT: 22.87 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.3	27.5
125	13.6	8.4	12.6

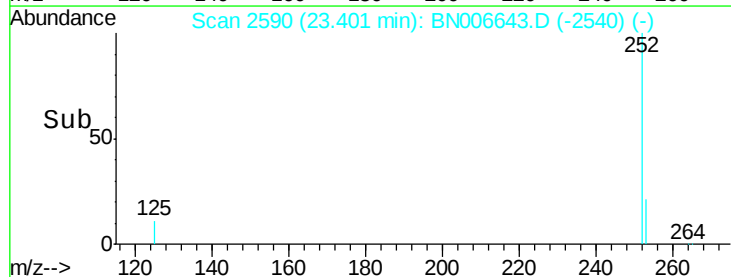
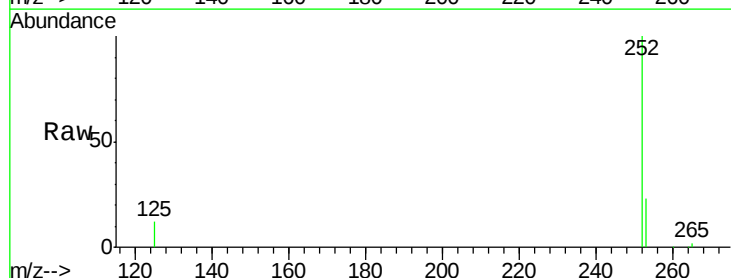
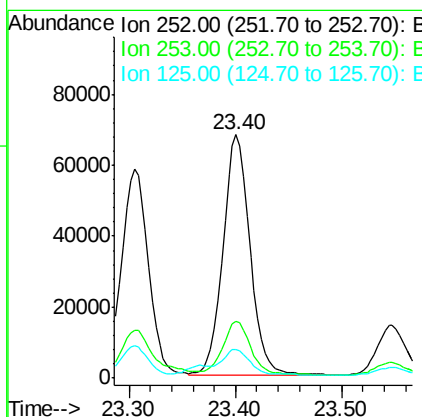
Manual Integrations
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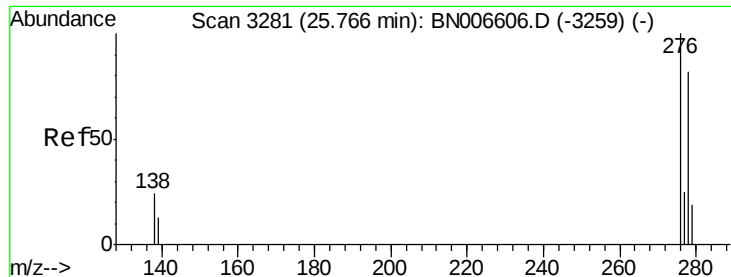
mohammad
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#37
Benzo(a)pyrene
Concen: 1.582 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	11.9	9.4	14.2





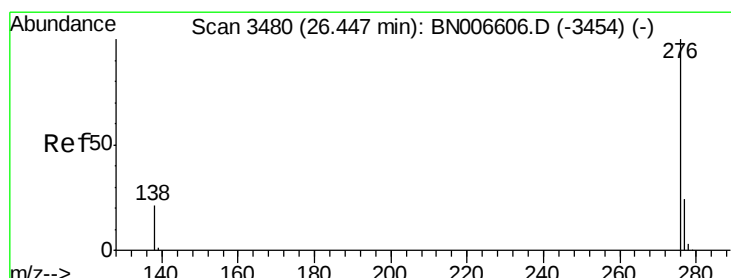
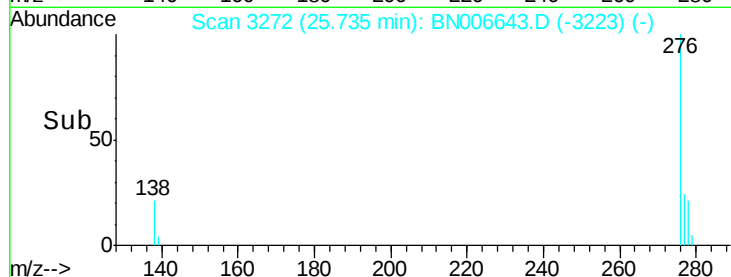
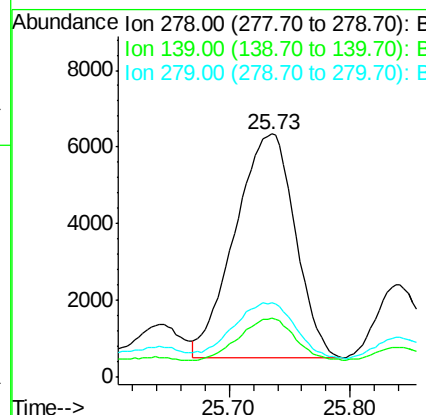
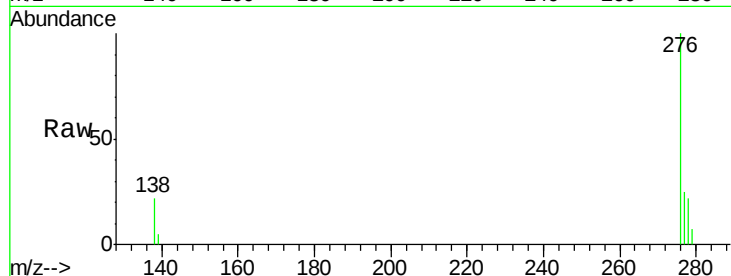
#38
Dibenzo(a,h)anthracene
Concen: 0.305 ng
RT: 25.73 min Scan# 3272
Delta R.T. -0.03 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Instrument :
BNA_N
ClientSampleId :
PST-008-SW121-061819

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	13.5	20.3#
279	30.7	19.4	29.2#

Manual Integrations
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mohammad
7/1/2019 3:08:55 PM



#39
Benzo(g,h,i)perylene
Concen: 1.202 ng
RT: 26.41 min Scan# 3470
Delta R.T. -0.03 min
Lab File: BN006643.D
Acq: 29 Jun 2019 09:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	22.6	17.7	26.5

