

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010630.D
 Acq On : 28 Apr 2020 18:48
 Operator : CG/JU
 Sample : L2385-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200421

Manual Integrations
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mohammad
 4/30/2020 12:05:23 AM

Quant Time: Apr 28 19:31:21 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 28 11:13:37 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3384	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14056	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8908	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19898	0.40	ng	0.00
27) Chrysene-d12	21.16	240	16129	0.40	ng	0.00
34) Perylene-d12	23.33	264	14788	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.23	112	1130	0.15	ng	0.00
5) Phenol-d6	6.78	99	897	0.09	ng	0.00
8) Nitrobenzene-d5	8.72	82	3447	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7420	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1465	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	12827	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	20687	0.34	ng	0.00
29) Terphenyl-d14	19.61	244	20965	0.57	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.00	178	1200m	0.022	ng	
26) Fluoranthene	19.03	202	1685	0.025	ng	95
28) Pyrene	19.39	202	1605	0.030	ng	98
30) Benzo(a)anthracene	21.14	228	1283	0.024	ng	# 80
31) Chrysene	21.20	228	1370	0.026	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.10	149	2054	0.076	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.48	276	943	0.020	ng	96
35) Benzo(b)fluoranthene	22.69	252	1107	0.023	ng	# 1
36) Benzo(k)fluoranthene	22.73	252	1093	0.022	ng	# 1
39) Benzo(a,h,i)perylene	26.12	276	910	0.023	ng	# 38

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

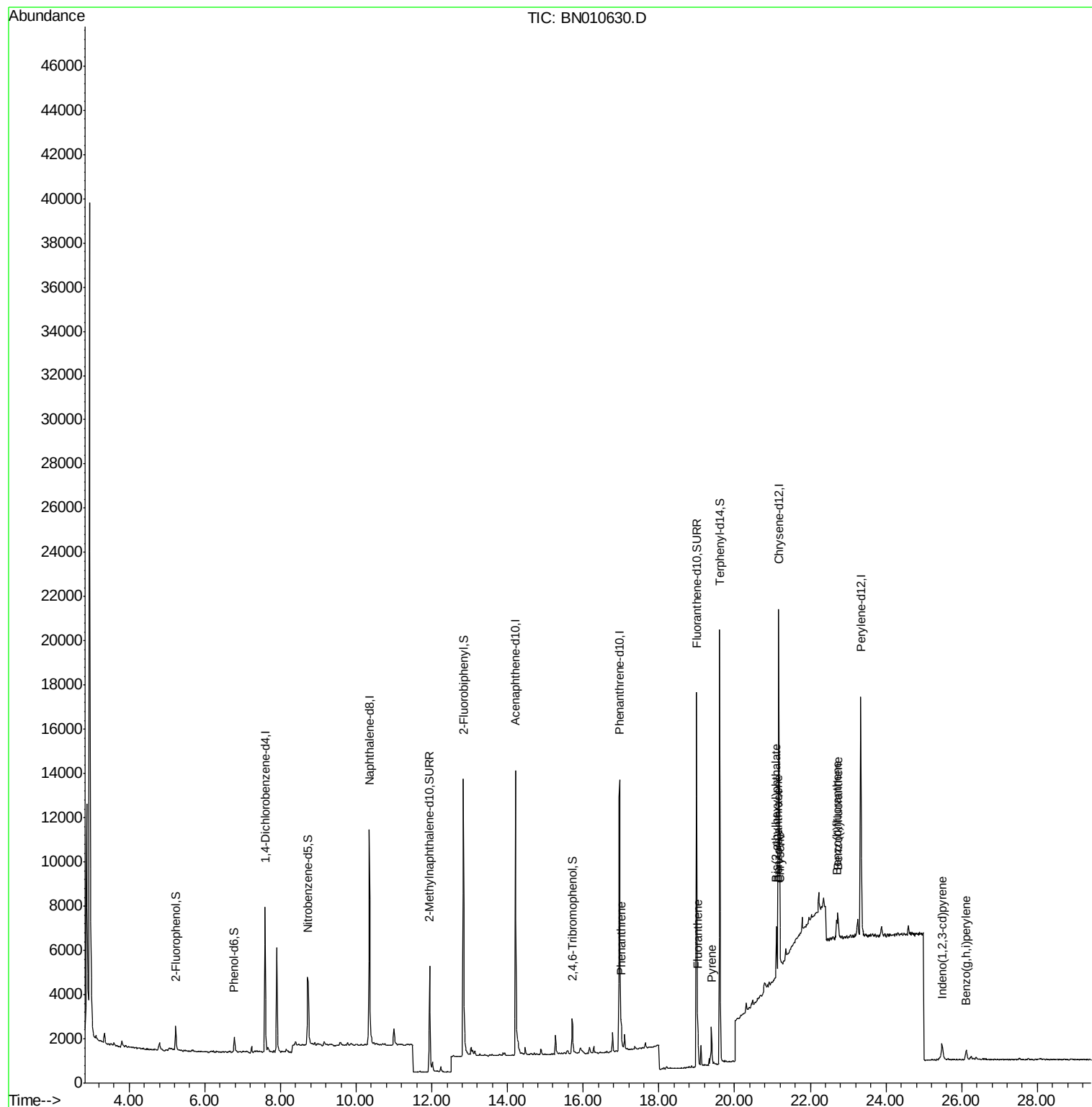
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010630.D
Acq On : 28 Apr 2020 18:48
Operator : CG/JU
Sample : L2385-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

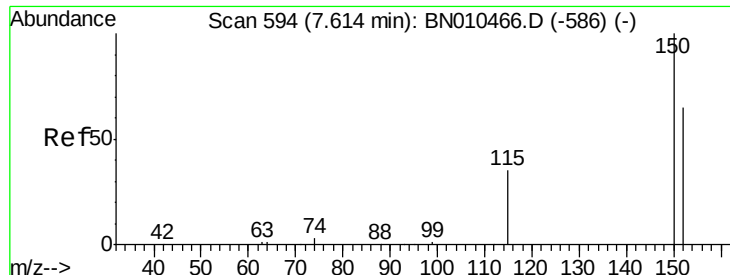
Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

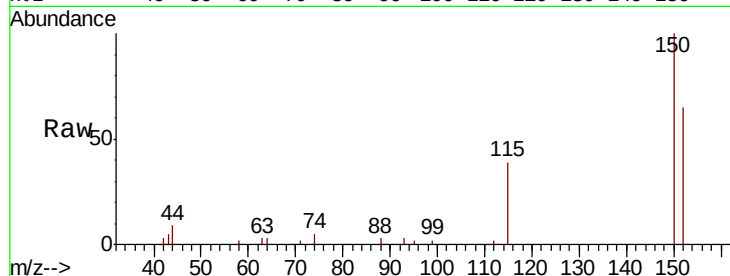
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

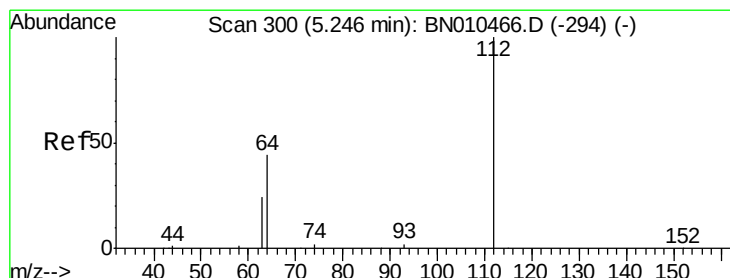
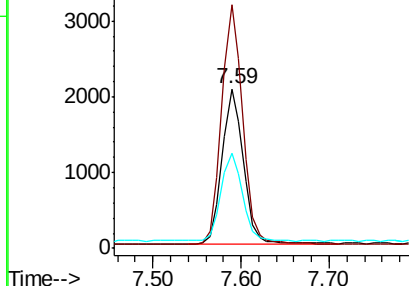
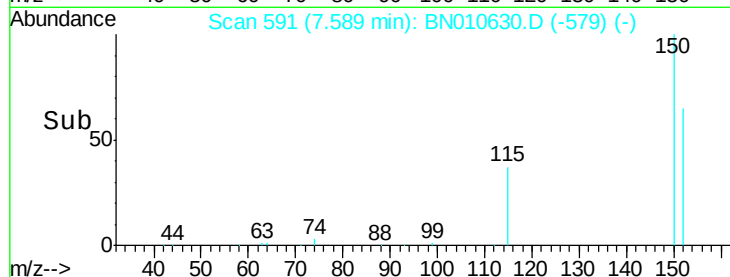
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.8	182.6
115	59.6	45.5	68.3

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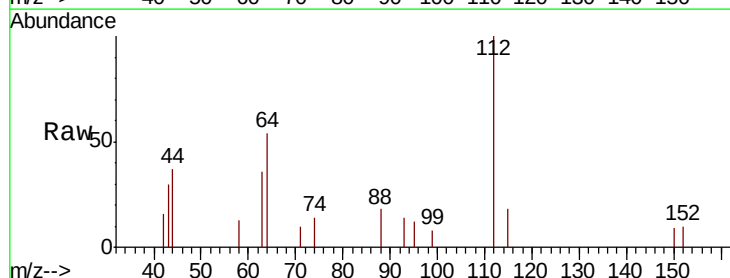
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



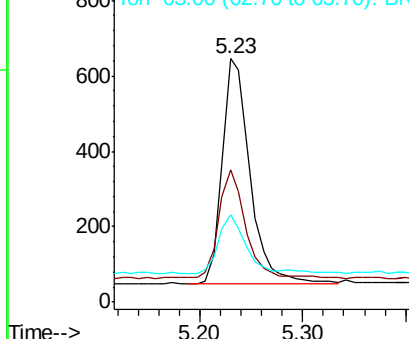
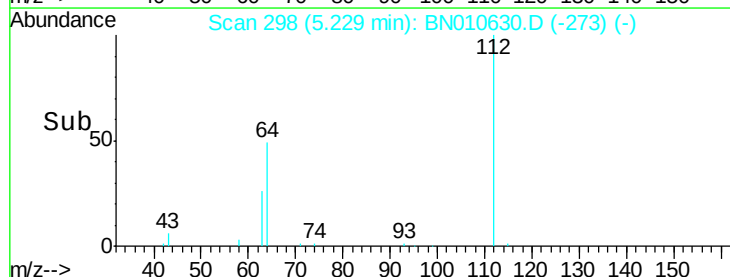
#4

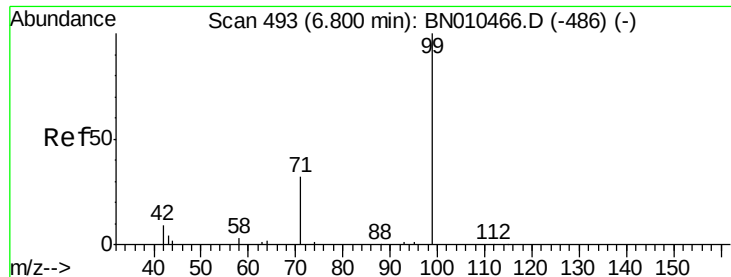
2-Fluorophenol
Concen: 0.152 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	35.8	53.8
63	26.5	19.9	29.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Instrument :

BNA_N

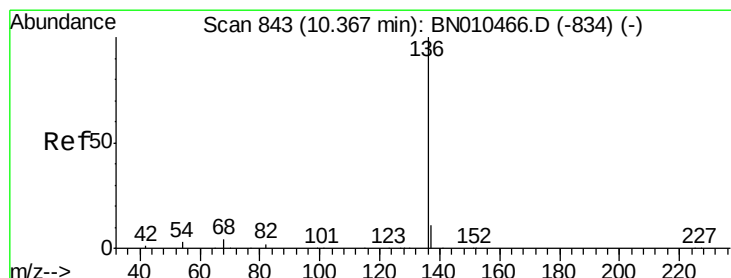
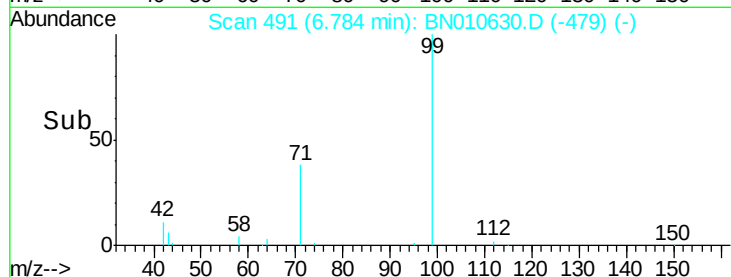
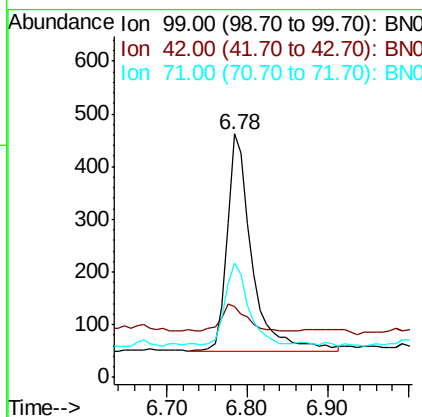
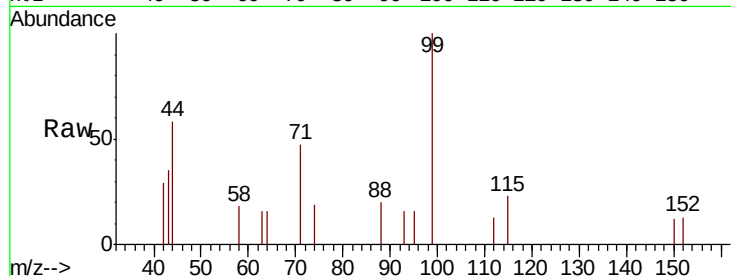
ClientSampleId :

OUTFALL001-200421

Tot Ion:	99	Resp:	897
Ion	Ratio	Lower	Upper
99	100		
42	12.8	9.8	14.6
71	35.3	27.8	41.8

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#7

Naphthalene-d8

Concen: 0.400 ng

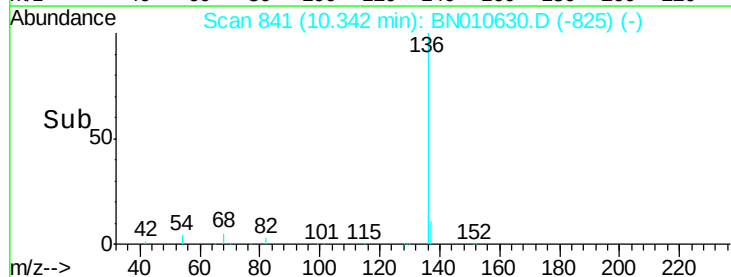
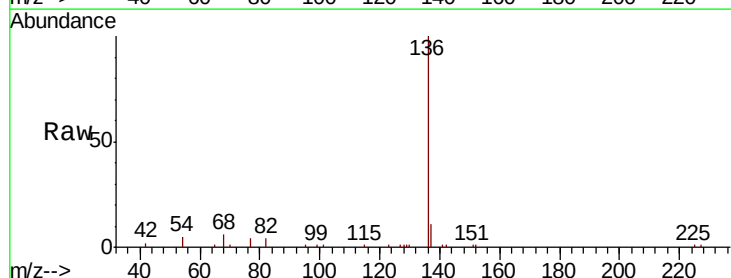
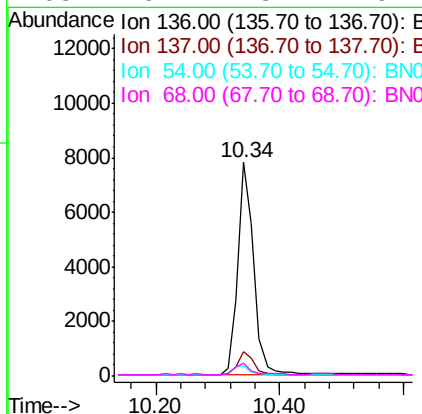
RT: 10.34 min Scan# 841

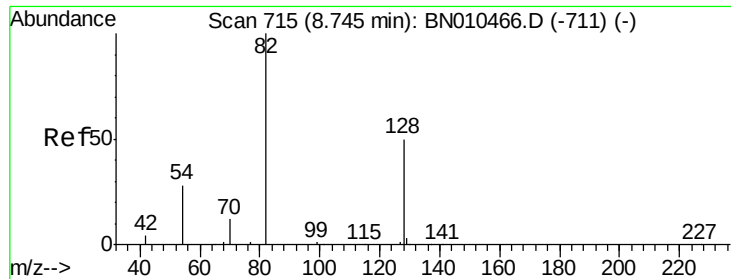
Delta R.T. -0.00 min

Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Tgt Ion:	136	Resp:	14056
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	4.7	2.6	4.0#
68	5.7	3.4	5.2#





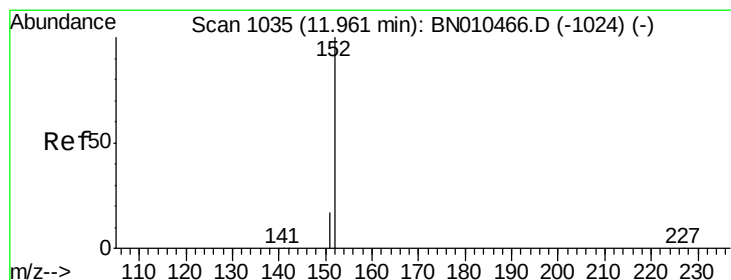
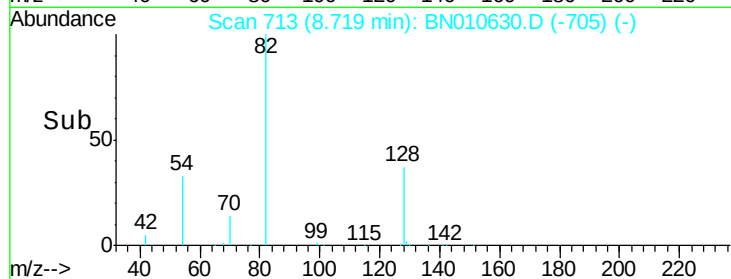
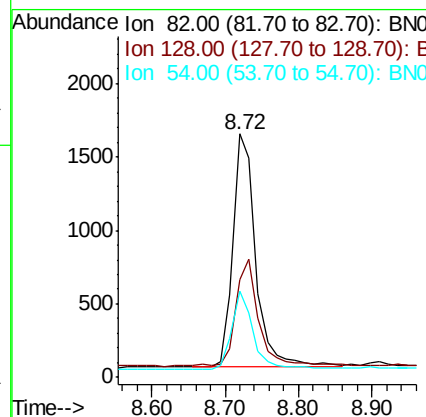
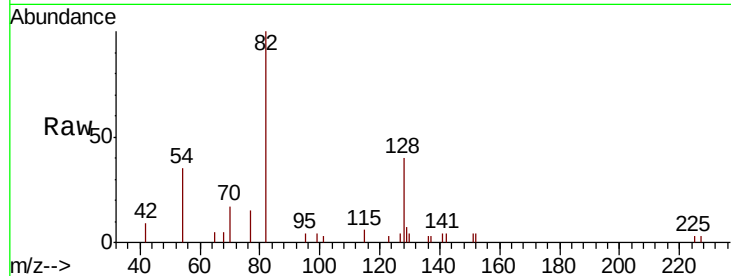
#8
 Nitrobenzene-d5
 Concen: 0.351 ng
 RT: 8.72 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BN010630.D
 Acq: 28 Apr 2020 18:48

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	41.3	61.9#
54	35.3	23.4	35.0#

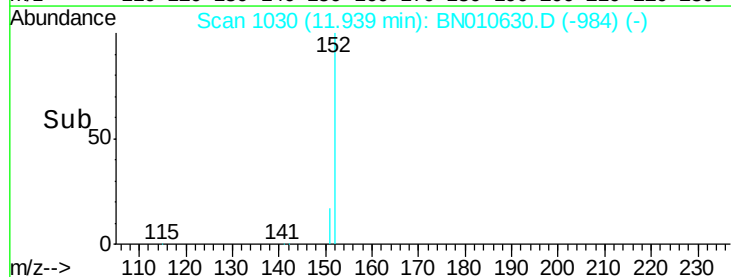
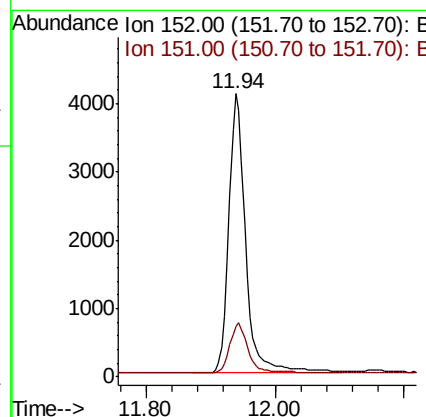
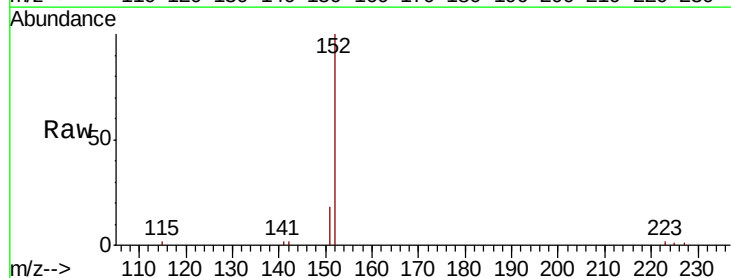
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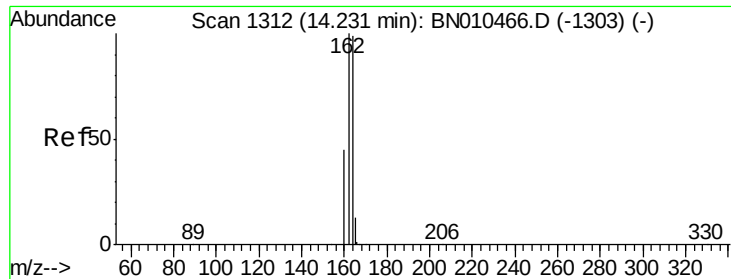
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#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 11.94 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BN010630.D
 Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9





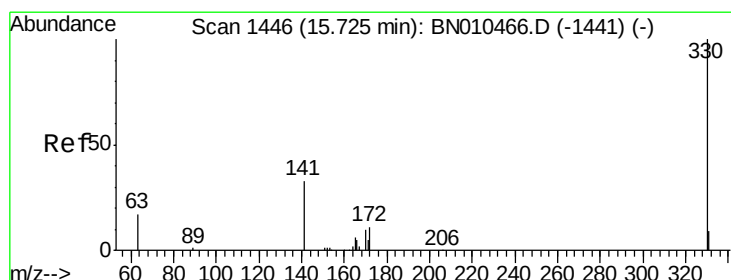
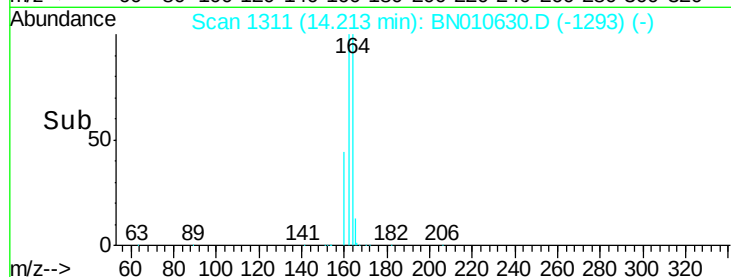
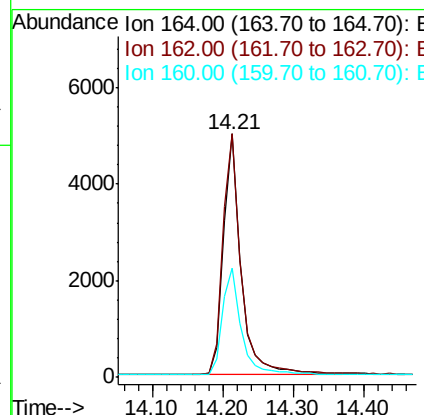
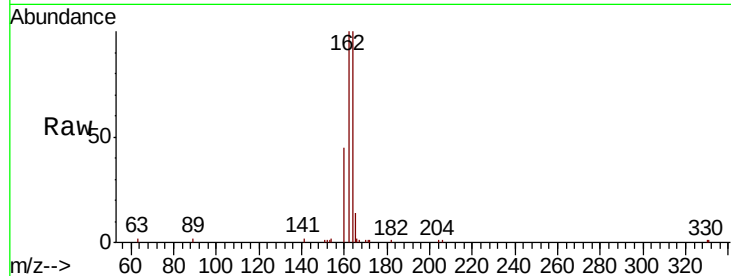
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.8	36.5	54.7

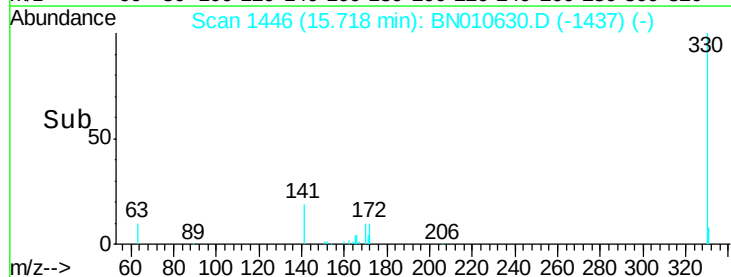
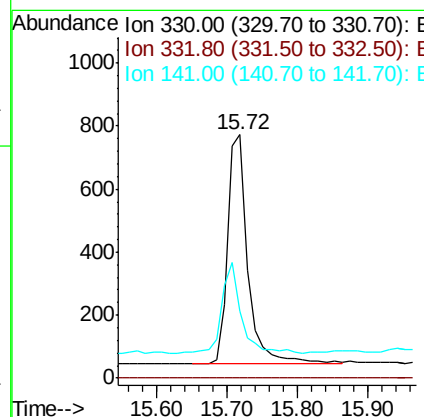
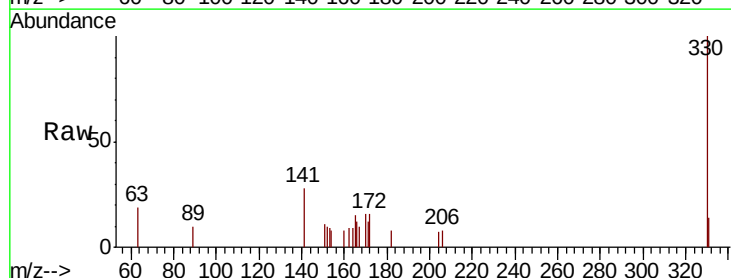
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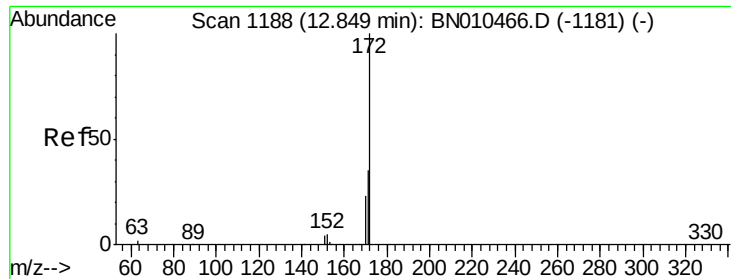
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#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	28.1	42.1





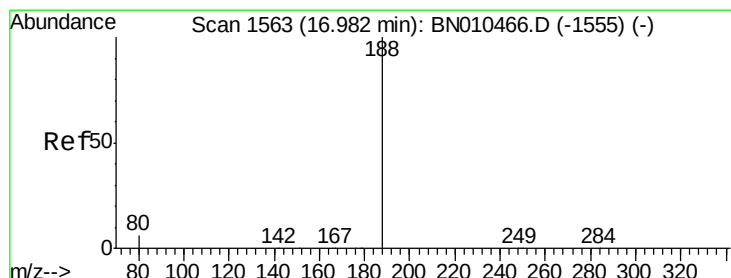
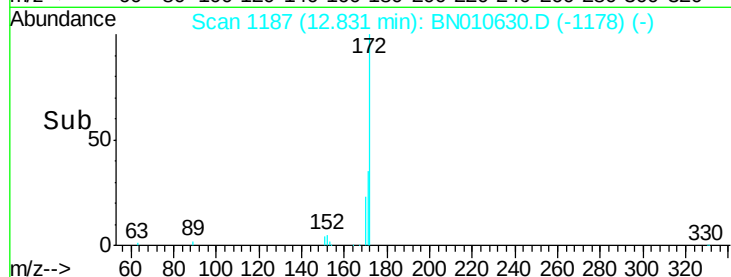
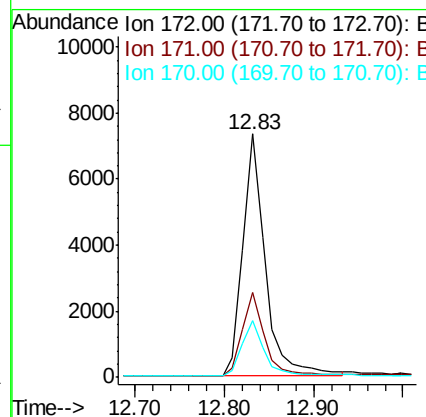
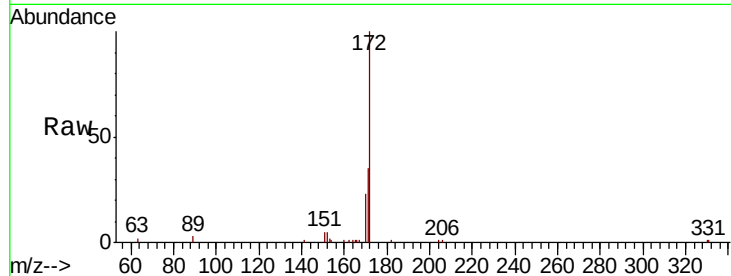
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.3	18.4	27.6

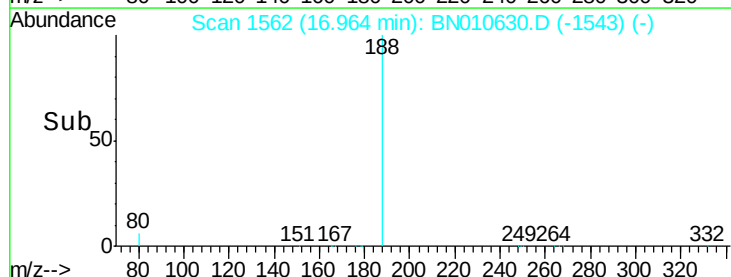
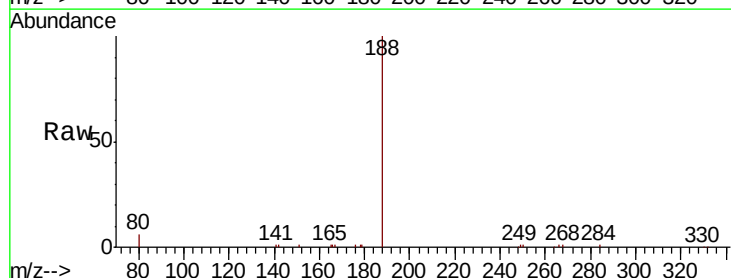
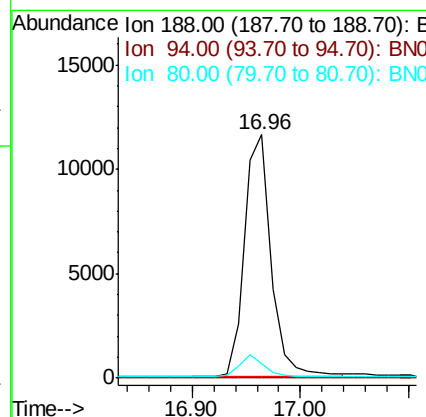
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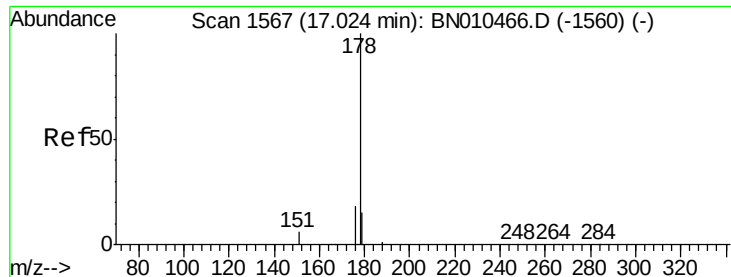
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	5.0	7.6





#23

Phenanthrene

Concen: 0.022 ng/mL

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Instrument :

BNA_N

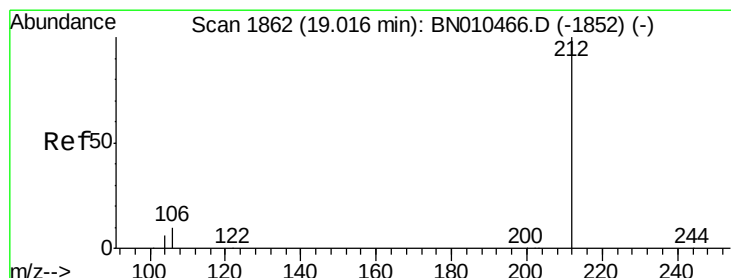
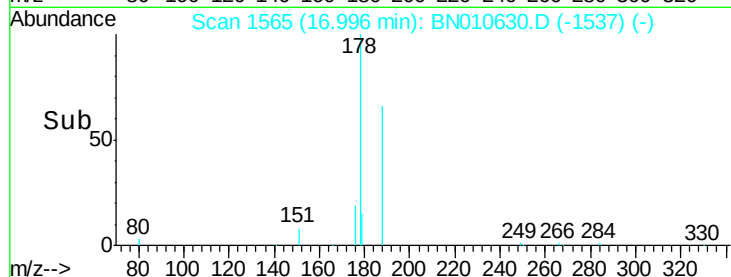
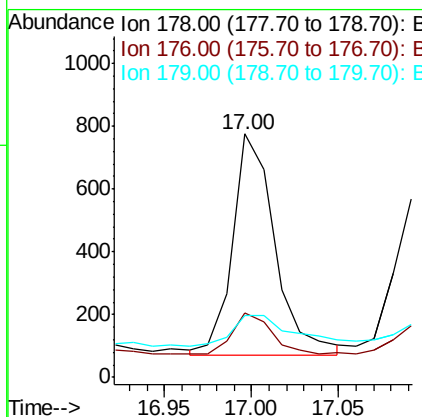
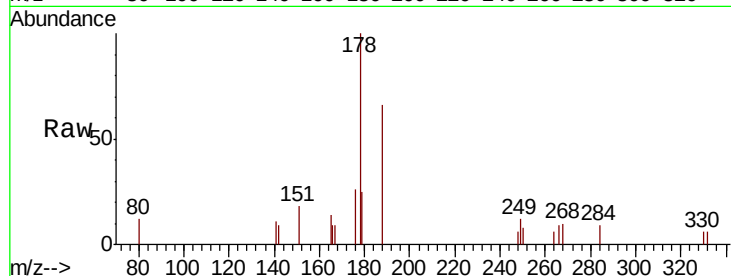
ClientSampleID :

OUTFALL001-200421

Tot Ion:	178	Resp:	1200
Ion Ratio	Lower	Upper	
178	100		
176	14.9	15.0	22.4#
179	9.6	12.6	18.8#

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#25

Fluoranthene-d10

Concen: 0.343 ng/mL

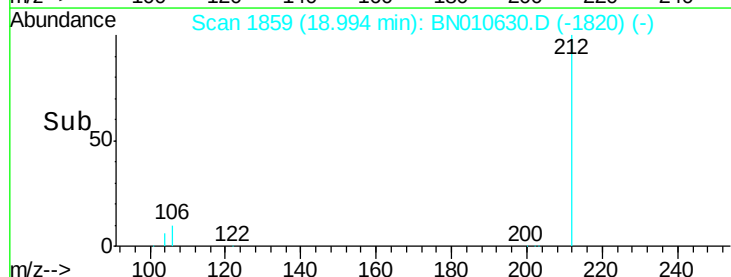
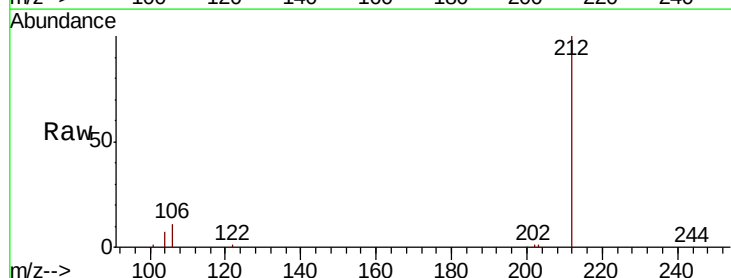
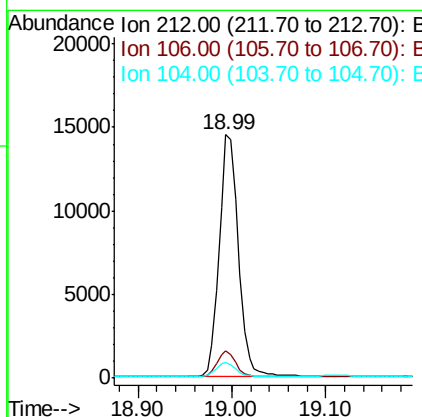
RT: 18.99 min Scan# 1859

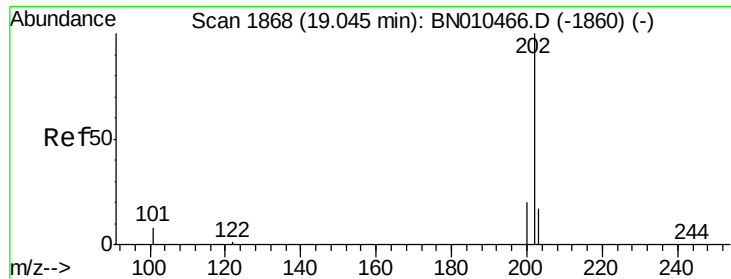
Delta R.T. -0.01 min

Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Tgt Ion:	212	Resp:	20687
Ion Ratio	Lower	Upper	
212	100		
106	10.2	7.8	11.6
104	5.8	4.5	6.7





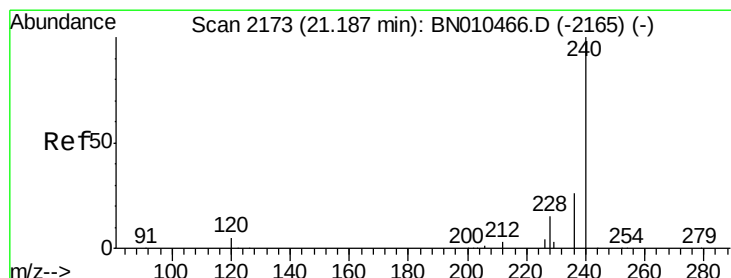
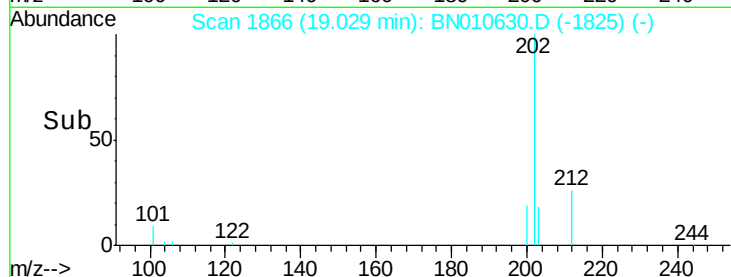
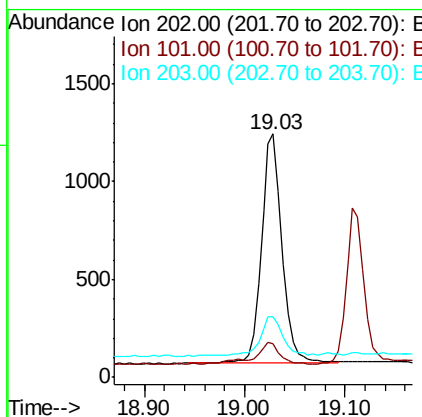
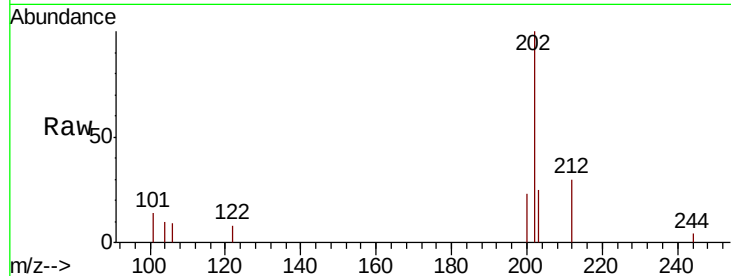
#26
Fluoranthene
Concen: 0.025 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	20.6	13.9	20.9

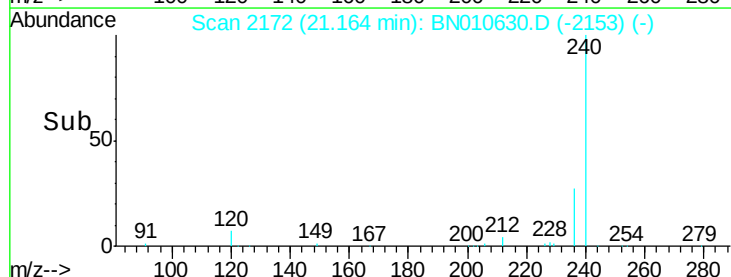
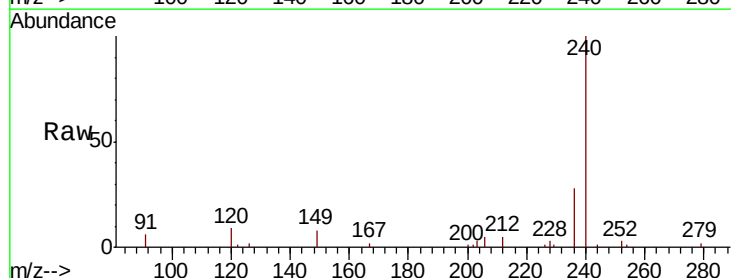
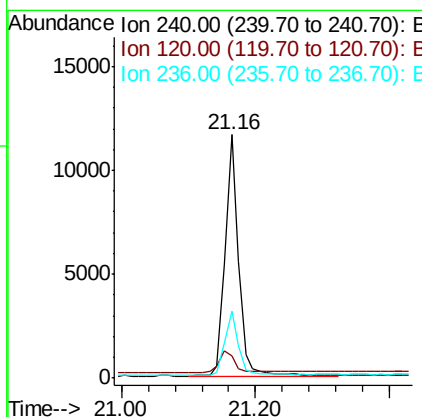
Manual Integrations
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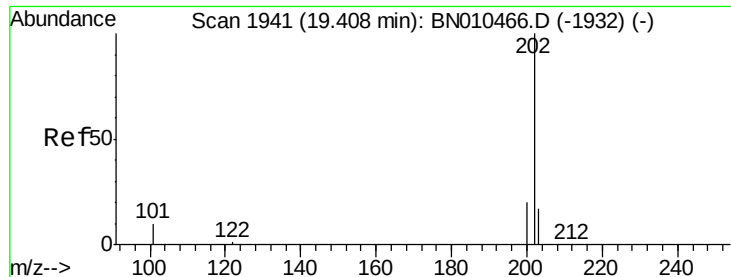
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.8	7.2#
236	27.6	21.4	32.0





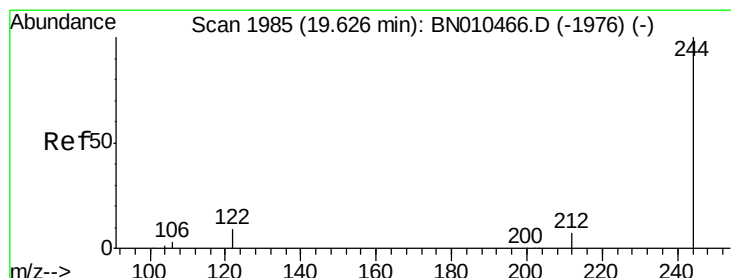
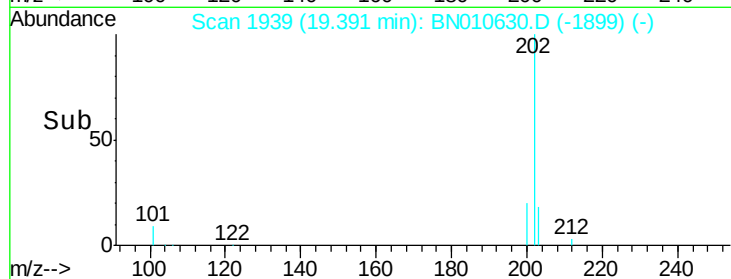
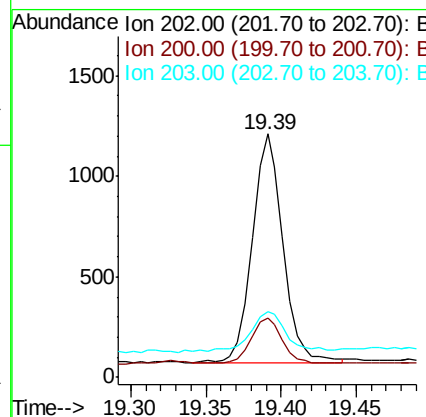
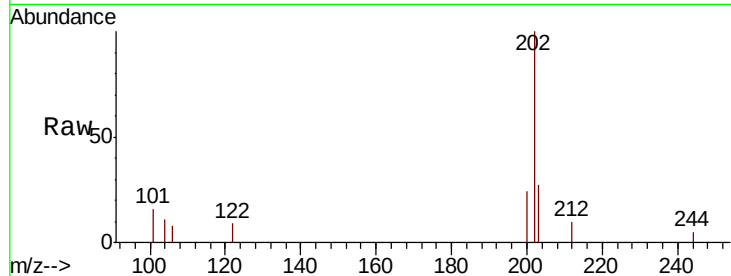
#28
Pvrene
Concen: 0.030 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	19.3	14.0	21.0

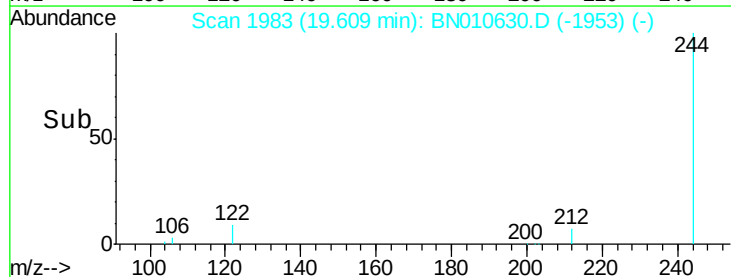
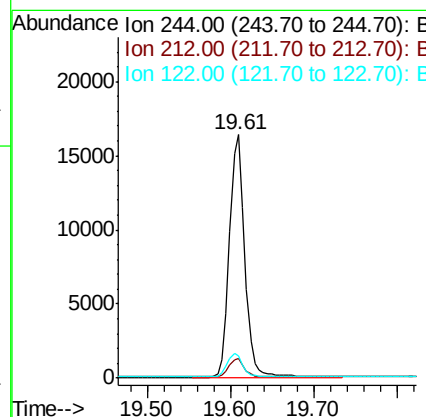
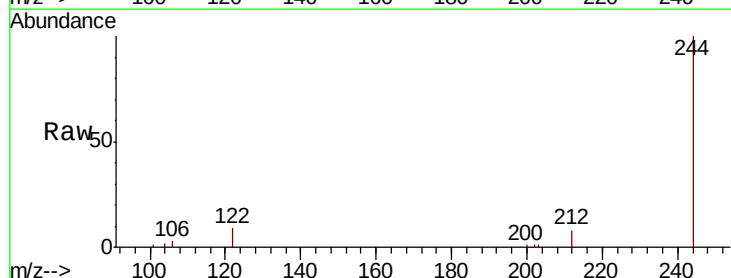
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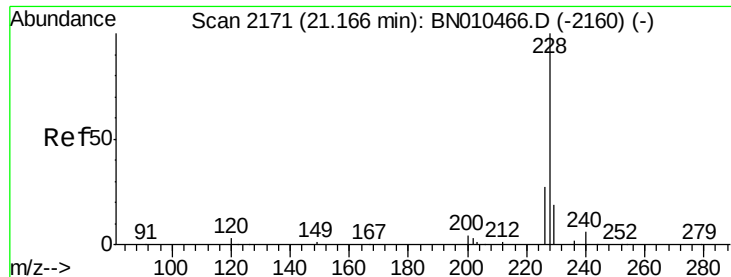
mohammad
4/30/2020 12:05:23 AM



#29
Terphenyl-d14
Concen: 0.568 ng
RT: 19.61 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	9.2	7.8	11.8





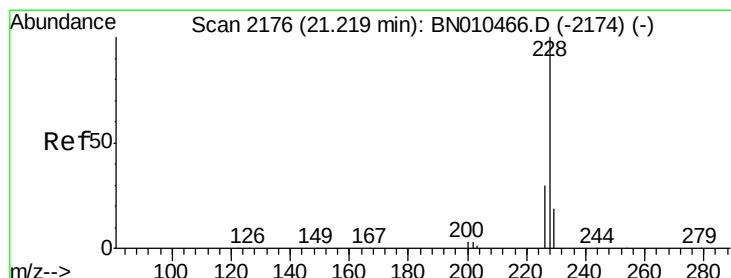
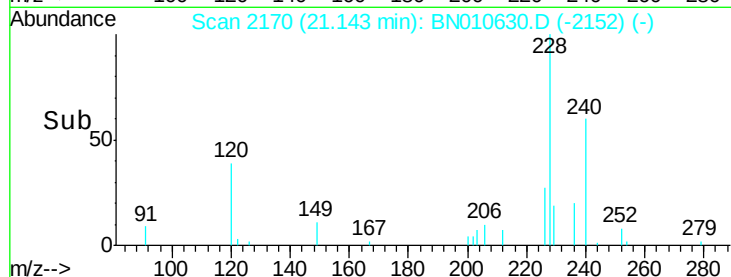
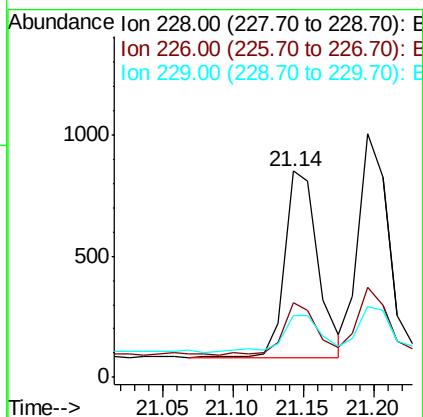
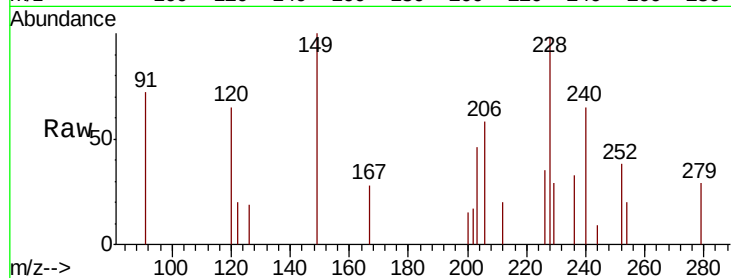
#30
Benzo(a)anthracene
Concen: 0.024 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	21.7	32.5#
229	30.0	15.6	23.4#

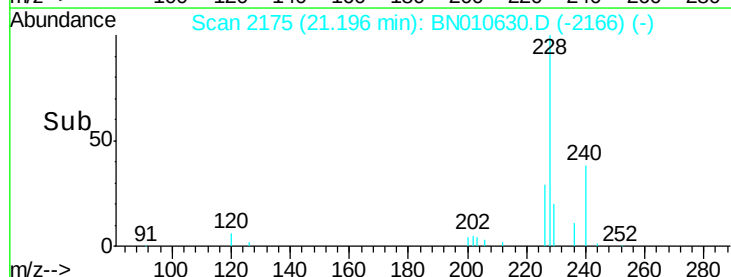
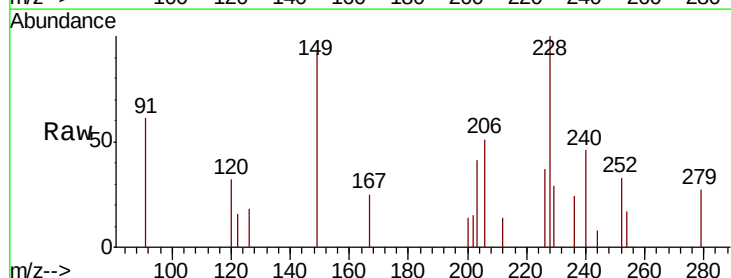
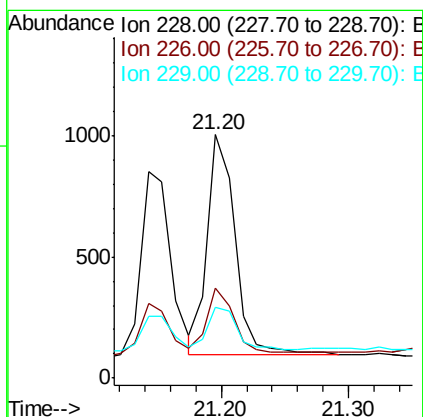
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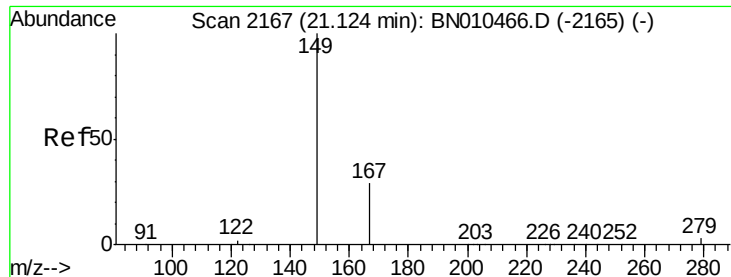
mohammad
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#31
Chrysene
Concen: 0.026 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.0	24.0	36.0#
229	29.0	15.8	23.6#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Instrument :

BNA_N

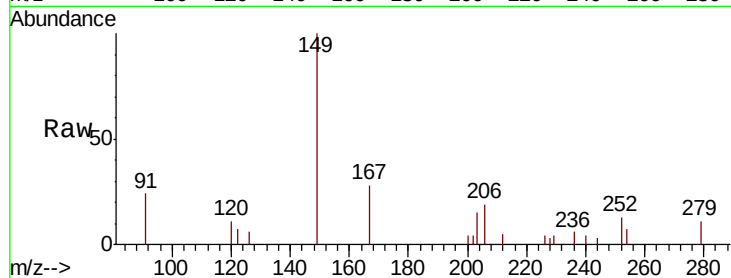
ClientSampleId :

OUTFALL001-200421

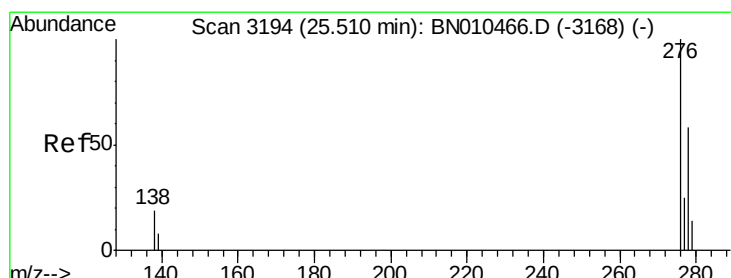
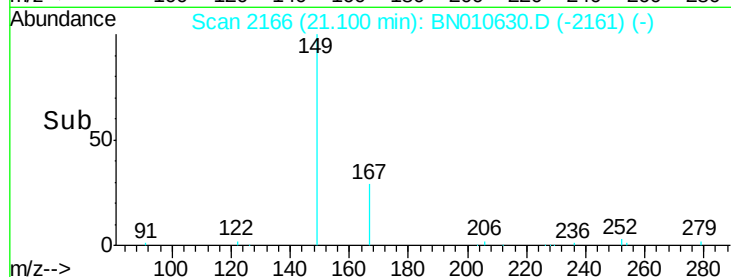
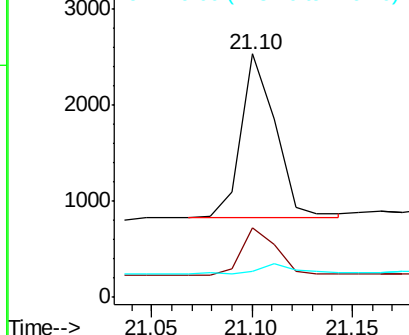
Tot Ion:	149	Resp:	2054
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.4	35.0
279	6.2	4.0	6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng

RT: 25.48 min Scan# 3187

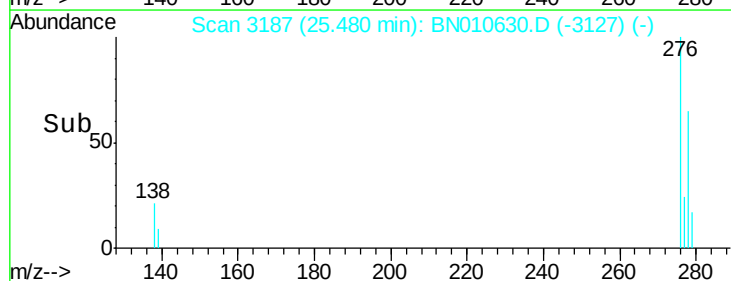
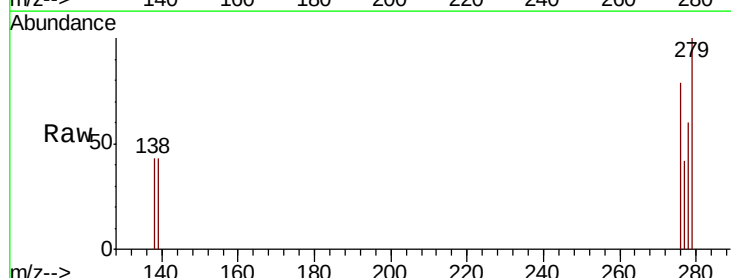
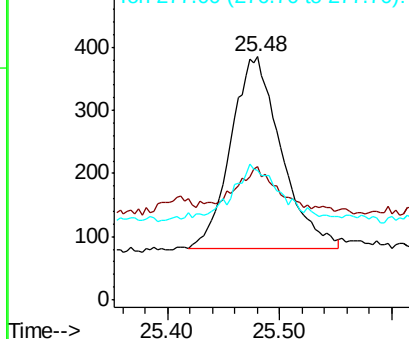
Delta R.T. 0.00 min

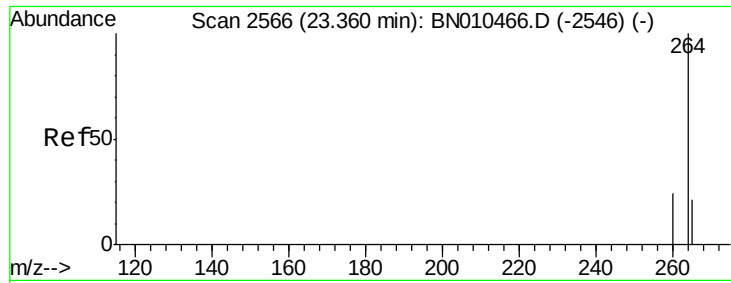
Lab File: BN010630.D

Acq: 28 Apr 2020 18:48

Tgt Ion:	276	Resp:	943
Ion Ratio	Lower	Upper	
276	100		
138	17.4	16.4	24.6
277	24.2	19.8	29.6

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





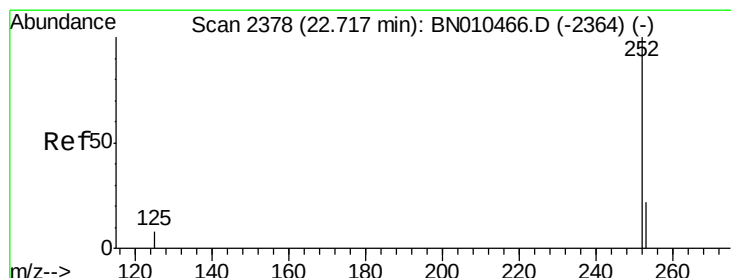
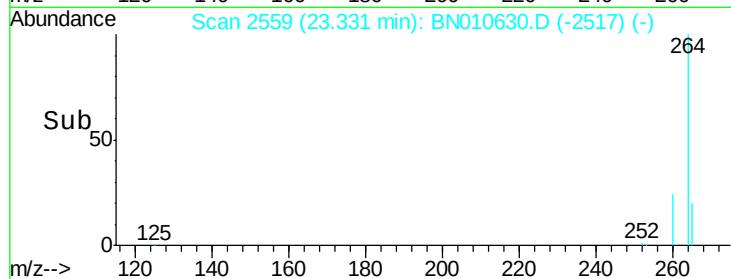
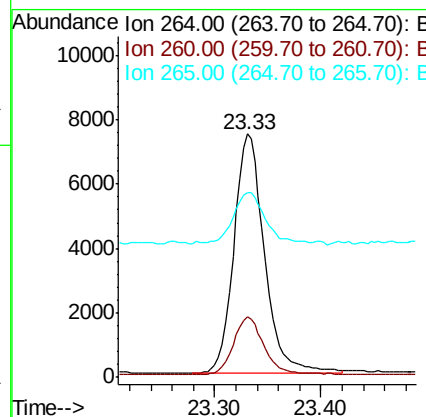
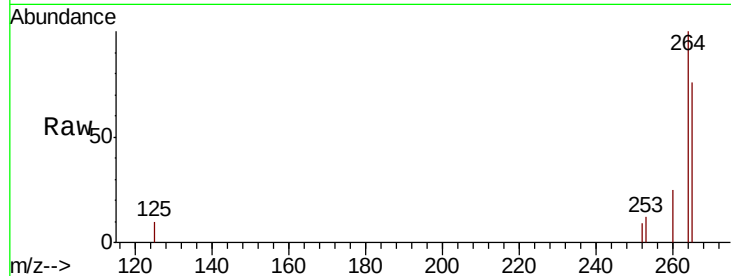
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.33 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BN010630.D
 Acq: 28 Apr 2020 18:48

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	76.0	42.3	63.5

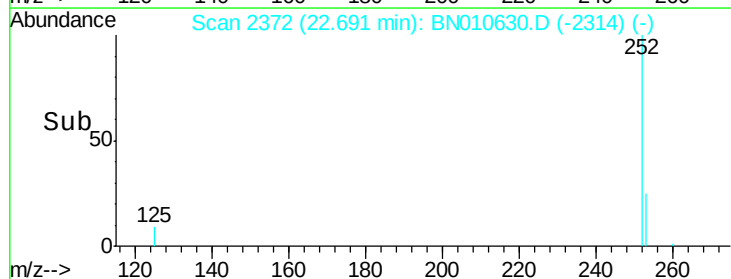
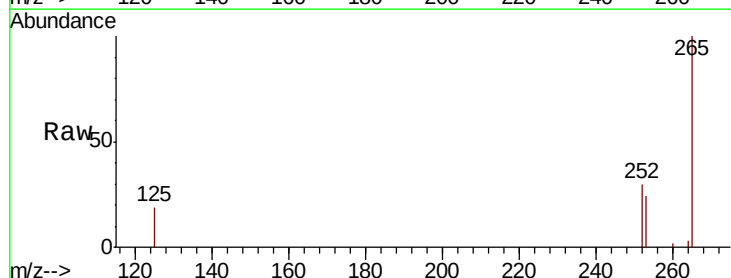
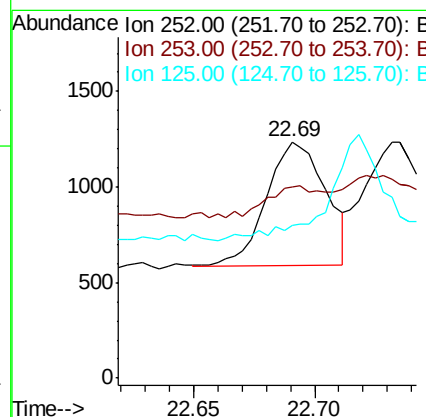
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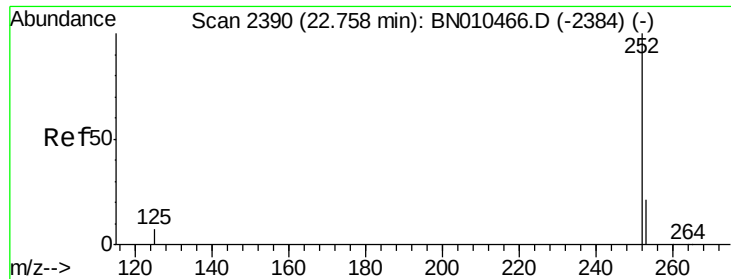
mohammad
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#35
 Benzo(b)fluoranthene
 Concen: 0.023 ng
 RT: 22.69 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BN010630.D
 Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	81.0	20.2	30.4
125	64.7	9.2	13.8





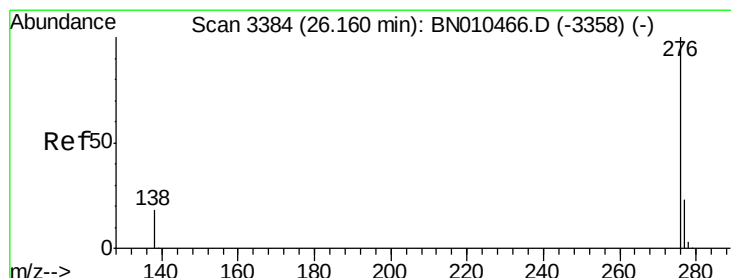
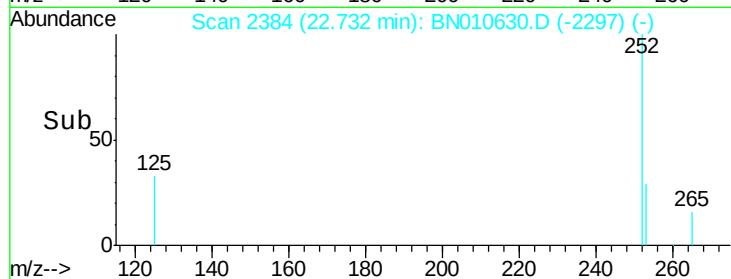
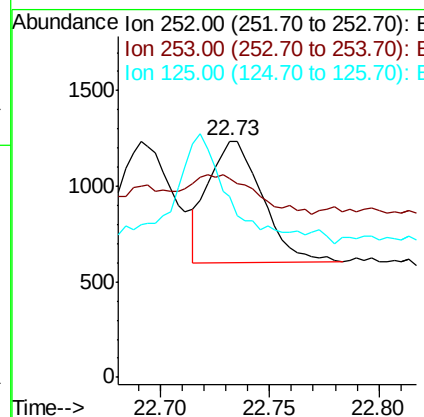
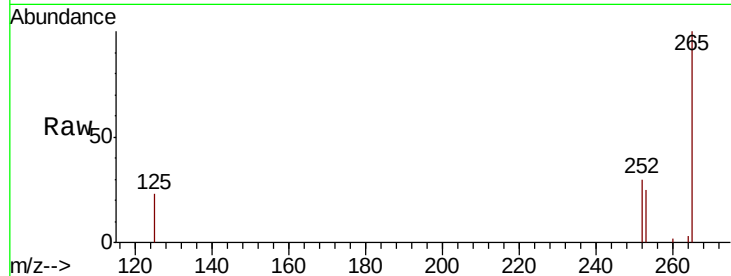
#36
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.73 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200421

Tot Ion	Ratio	Lower	Upper
252	100		
253	84.2	20.1	30.1#
125	76.3	9.6	14.4#

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#39
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 26.12 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BN010630.D
Acq: 28 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	54.1	20.2	30.2#
138	49.7	15.4	23.2#

