

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003426.D
 Acq On : 30 Sep 2020 22:19
 Operator : CG/JU
 Sample : L4179-07 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-11(0-1)

Quant Time: Oct 01 02:18:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 30 17:14:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

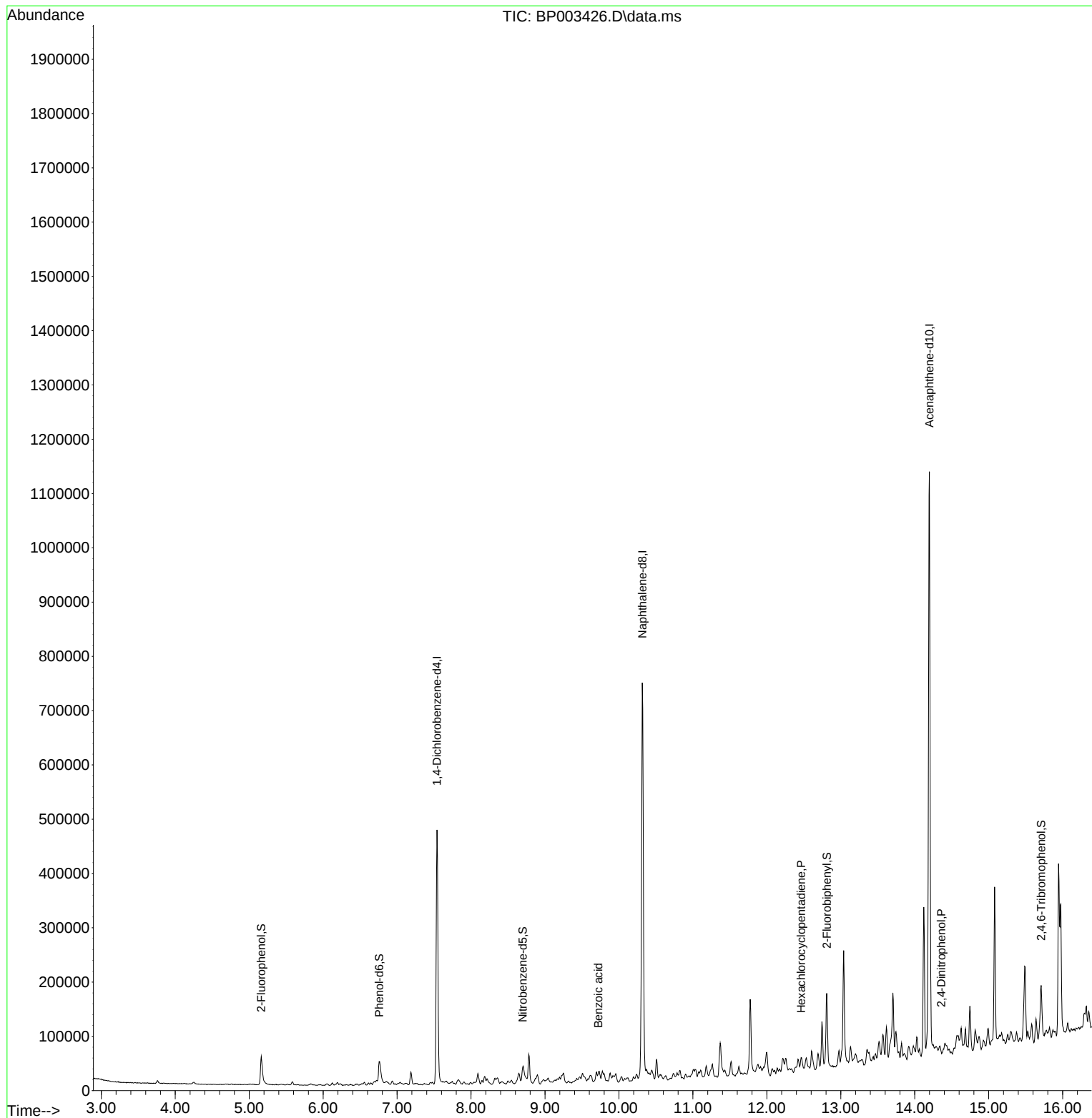
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	130044	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	553481	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	354922	20.00	ng	0.00
64) Phenanthrene-d10	16.957	188	780541	20.00	ng	# 0.01
76) Chrysene-d12	21.133	240	710409	20.00	ng	0.07
86) Perylene-d12	23.557	264	471530	20.00	ng	0.30
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	32972	4.43	ng	0.01
7) Phenol-d6	6.758	99	43381	4.37	ng	0.02
23) Nitrobenzene-d5	8.699	82	24144	2.56	ng	0.01
42) 2,4,6-Tribromophenol	15.710	330	17415	3.22	ng	0.02
45) 2-Fluorobiphenyl	12.810	172	74074	3.05	ng	0.00
79) Terphenyl-d14	19.557	244	116624	3.42	ng	0.02
Target Compounds						
32) Benzoic acid	9.722	122	31	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.463	237	17	6.84	ng	78
54) 2,4-Dinitrophenol	14.357	184	23	7.26	ng	# 1
70) Pentachlorophenol	16.739	266	80	6.79	ng	90

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

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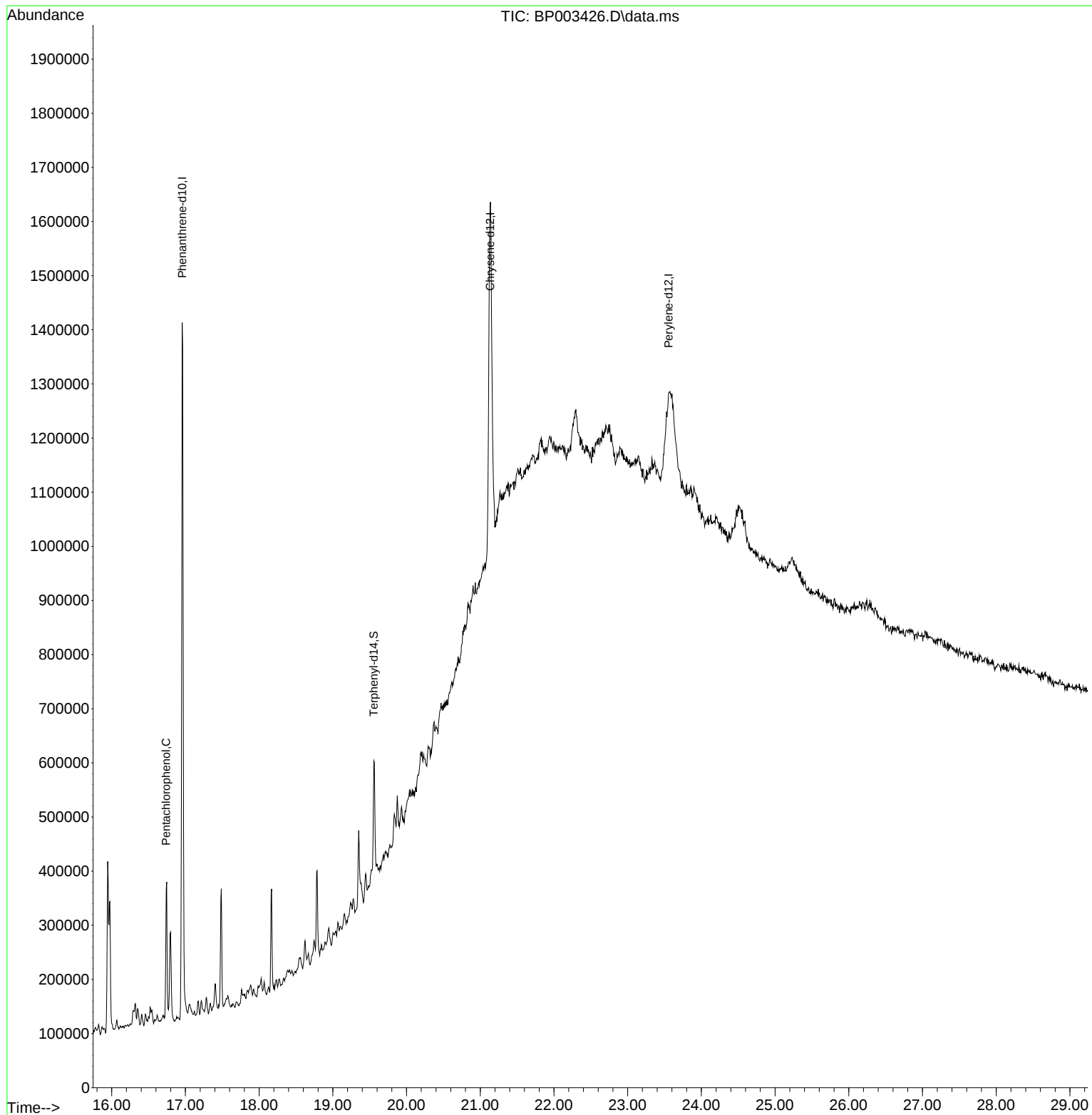
Quant Time: Oct 01 02:18:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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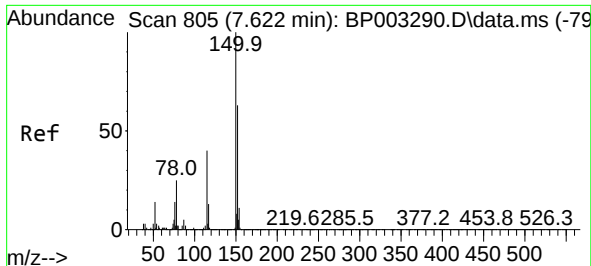


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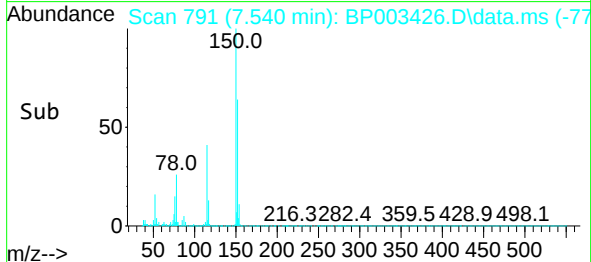
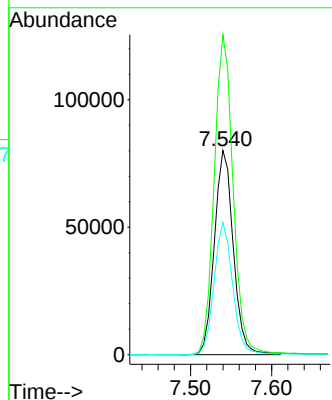
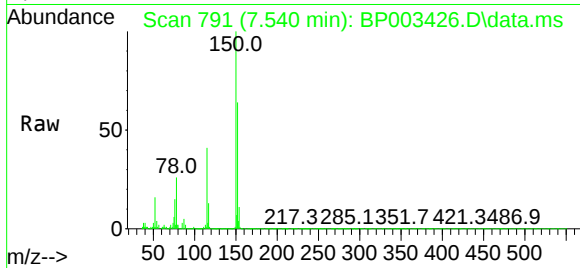




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

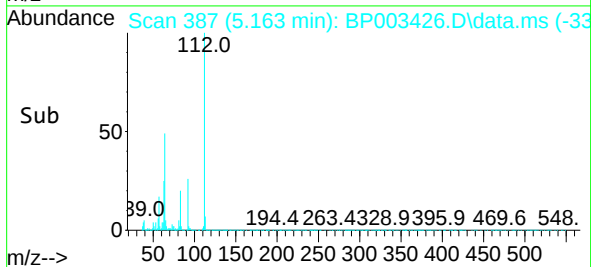
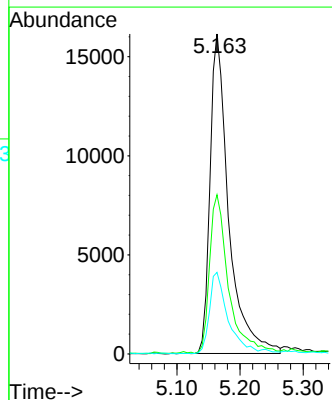
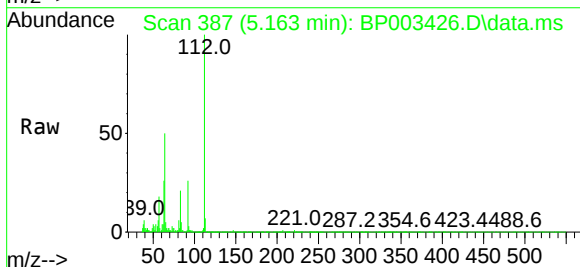
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B-11(0-1)

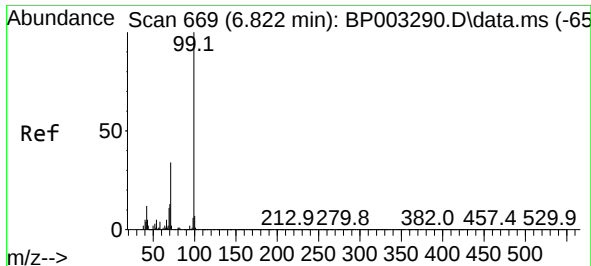
Tgt Ion:152 Resp: 130044
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 64.7 43.8 65.6



#5
2-Fluorophenol
Concen: 4.43 ng
RT: 5.163 min Scan# 387
Delta R.T. 0.012 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

Tgt Ion:112 Resp: 32972
Ion Ratio Lower Upper
112 100
64 49.8 32.8 49.2#
63 25.5 17.0 25.4#

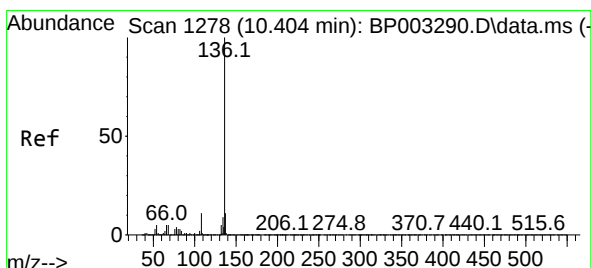
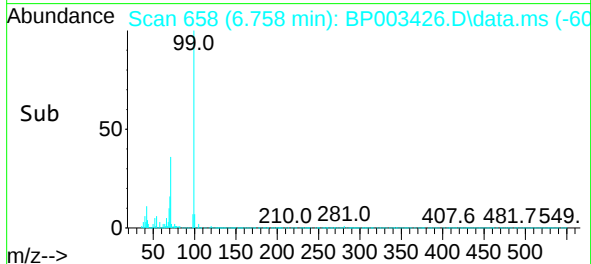
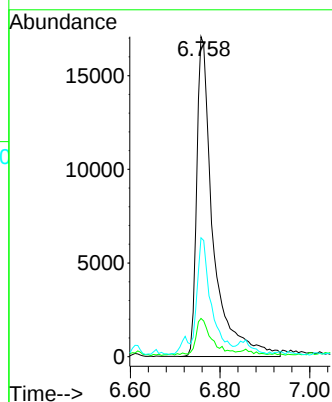
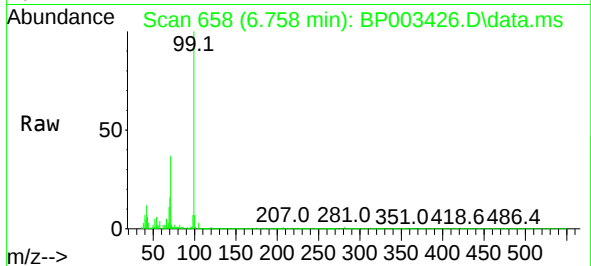




#7
Phenol-d6
Concen: 4.37 ng
RT: 6.758 min Scan# 658
Delta R.T. 0.018 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

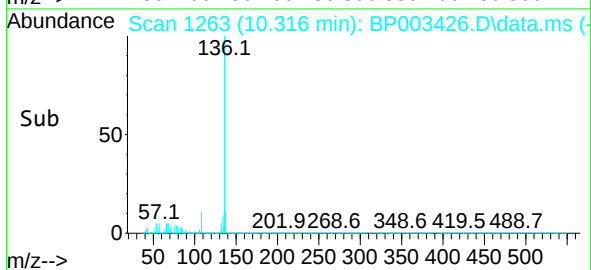
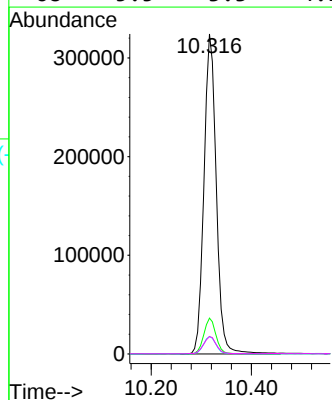
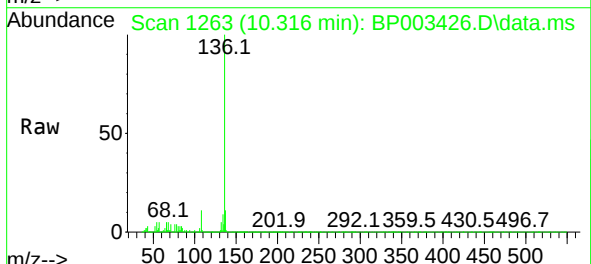
Instrument :
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ClientSampleId :
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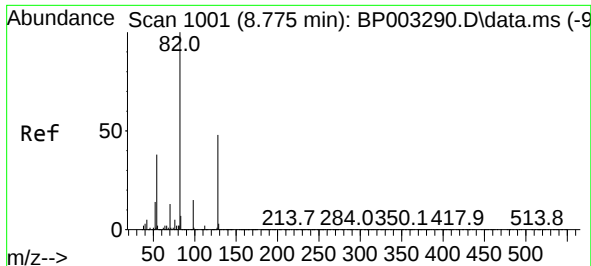
Tgt Ion:	99	Resp:	43381
Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	37.2	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

Tgt Ion:	136	Resp:	553481
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.4	3.6	5.4#
68	5.5	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 2.56 ng

RT: 8.699 min Scan# 988

Delta R.T. 0.012 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

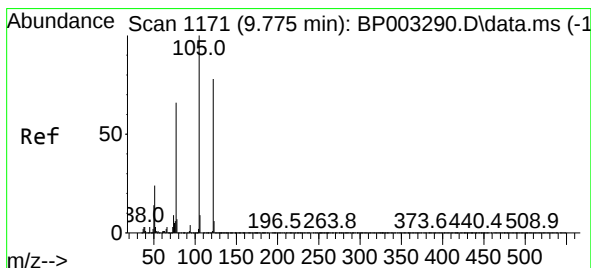
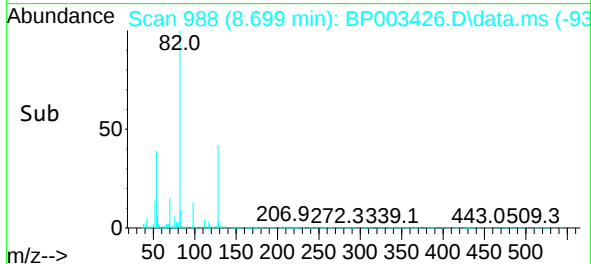
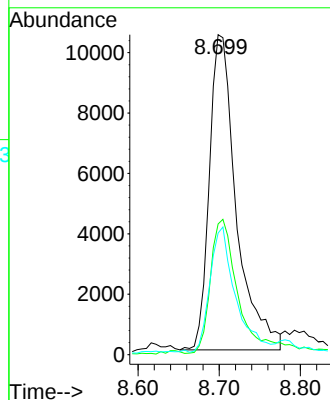
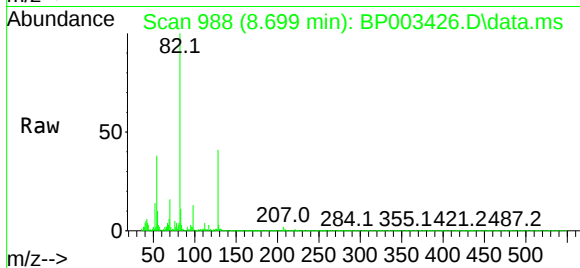
Instrument :

BNA_P

ClientSampleId :

B-11(0-1)

Tgt Ion: 82	Resp: 24144
Ion Ratio	Lower Upper
82 100	
128 40.9	45.6 68.4#
54 38.0	30.1 45.1



#32

Benzoic acid

Concen: 9.16 ng

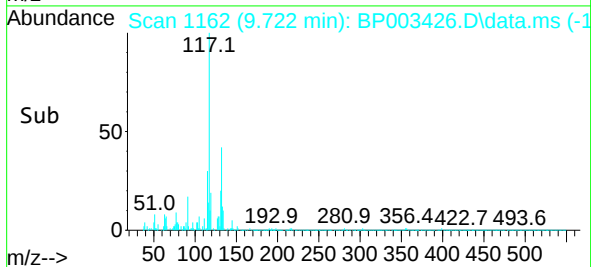
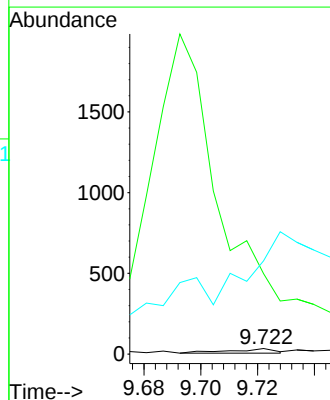
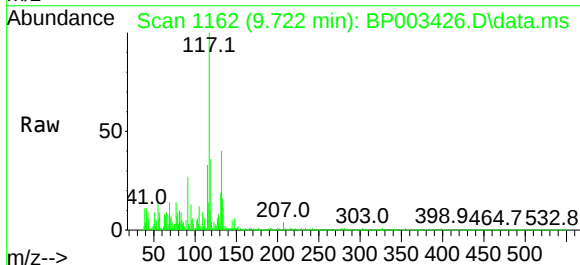
RT: 9.722 min Scan# 1162

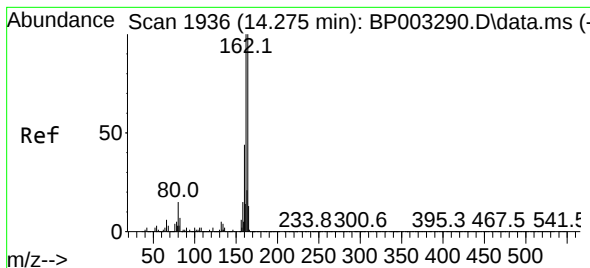
Delta R.T. 0.006 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

Tgt Ion: 122	Resp: 31
Ion Ratio	Lower Upper
122 100	
105 1464.7	94.1 134.1#
77 1697.1	50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.198 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

Instrument :

BNA_P

ClientSampleId :

B-11(0-1)

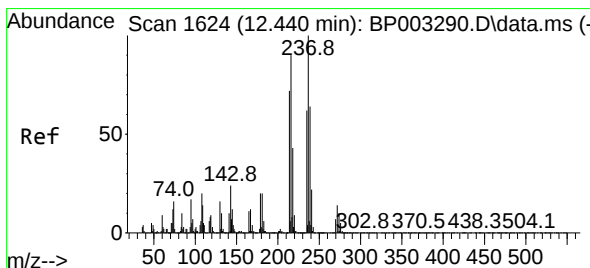
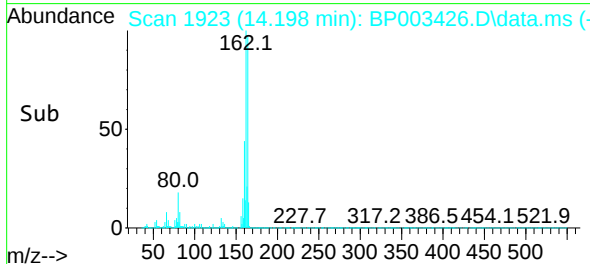
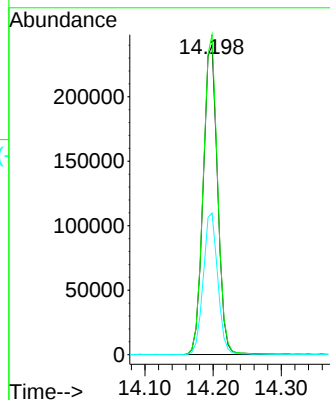
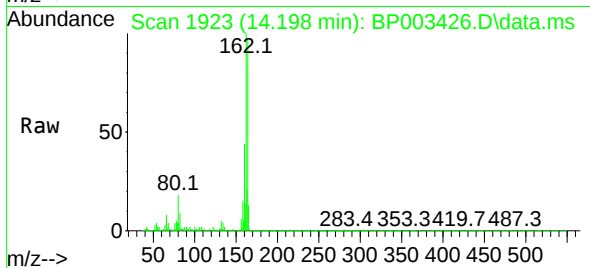
Tgt Ion:164 Resp: 354922

Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.2

160 45.7 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.463 min Scan# 1628

Delta R.T. 0.112 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

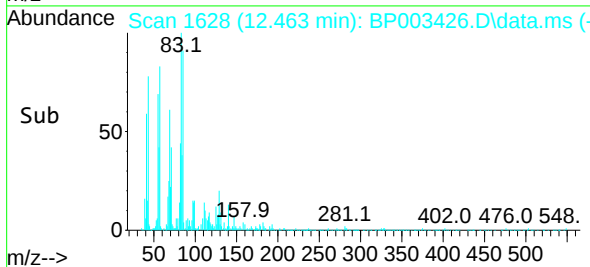
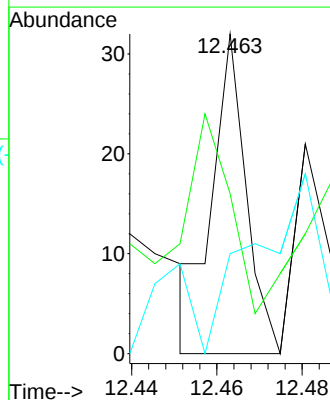
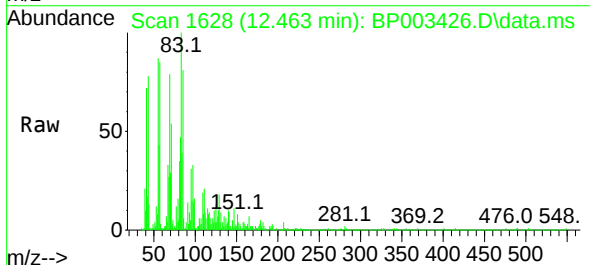
Tgt Ion:237 Resp: 17

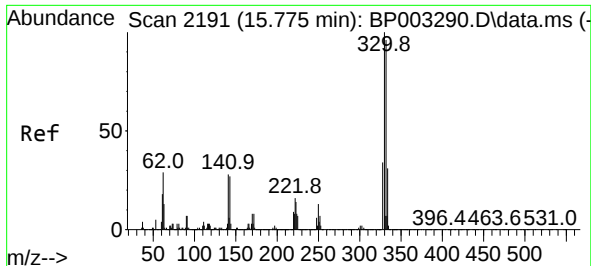
Ion Ratio Lower Upper

237 100

235 50.0 43.2 83.2

272 31.3 0.0 33.3

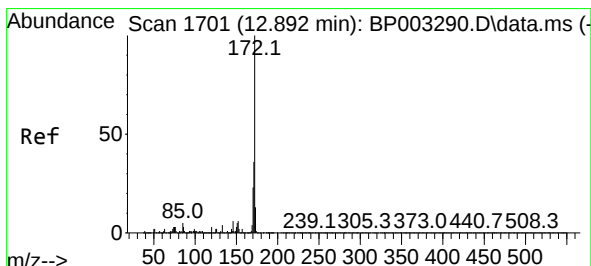
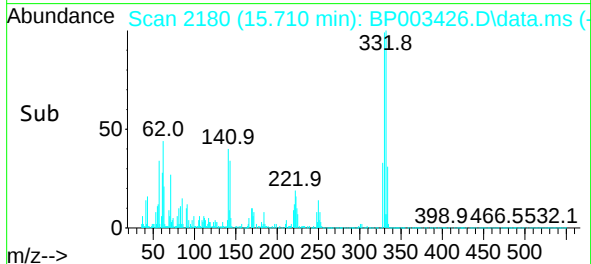
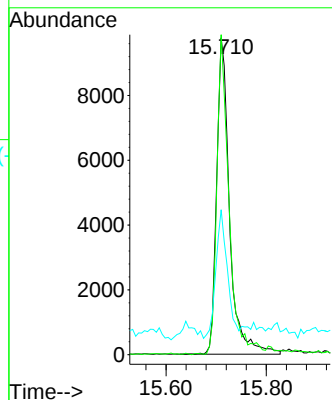
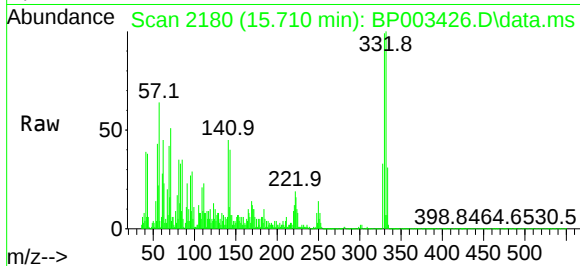




#42
2,4,6-Tribromophenol
Concen: 3.22 ng
RT: 15.710 min Scan# 2180
Delta R.T. 0.018 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

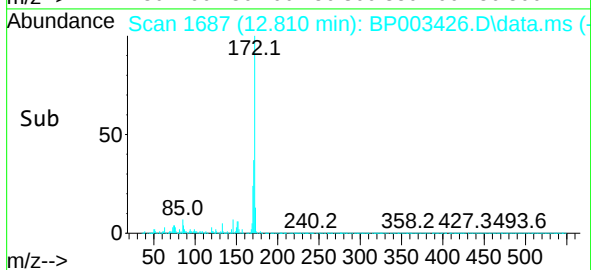
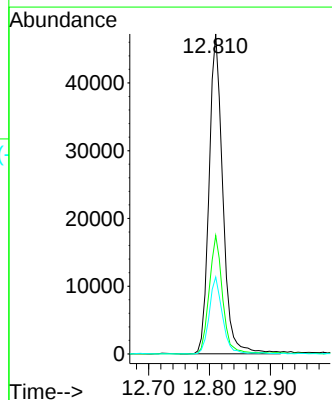
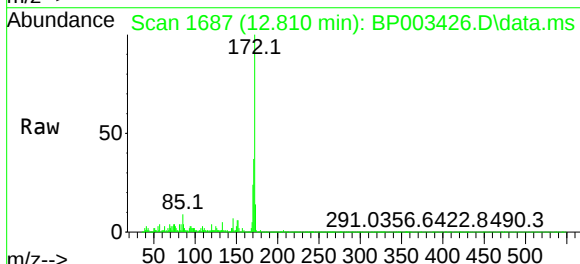
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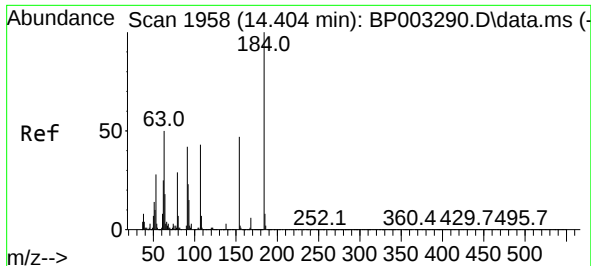
Tgt Ion:330 Resp: 17415
Ion Ratio Lower Upper
330 100
332 93.1 77.1 115.7
141 36.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 3.05 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

Tgt Ion:172 Resp: 74074
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.0 19.2 28.8

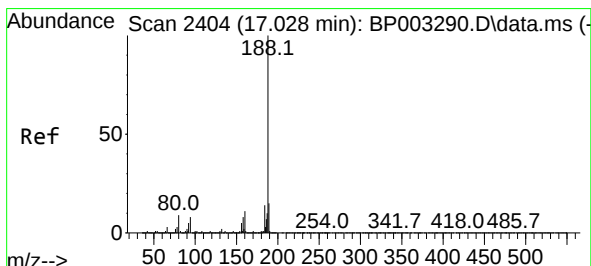
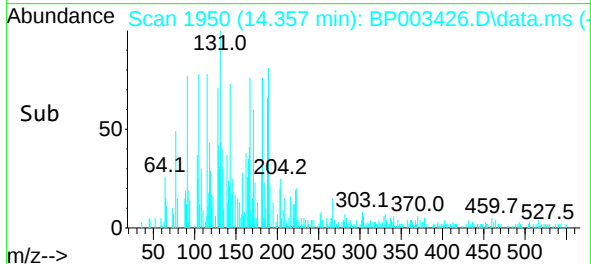
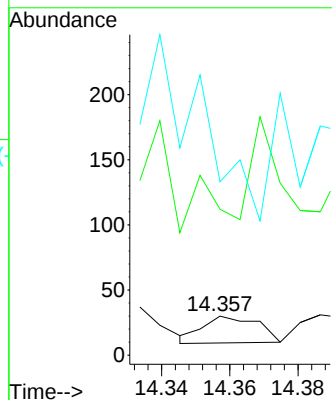
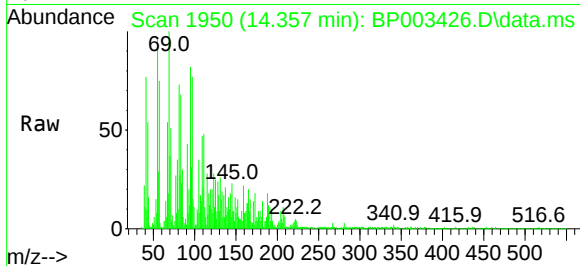




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

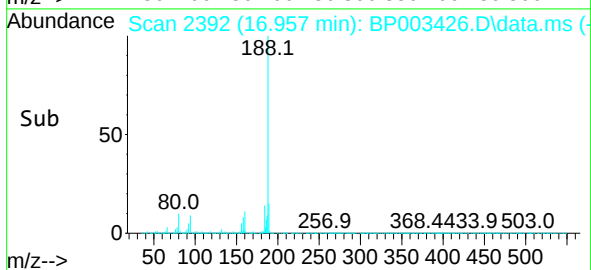
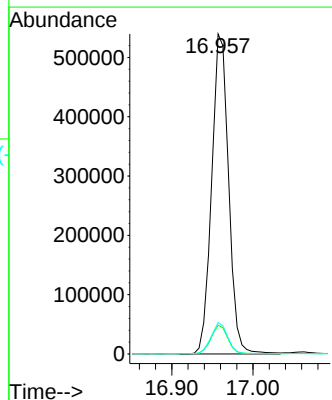
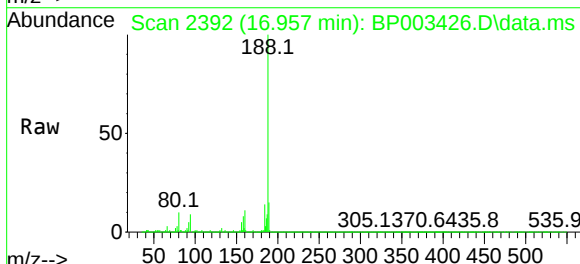
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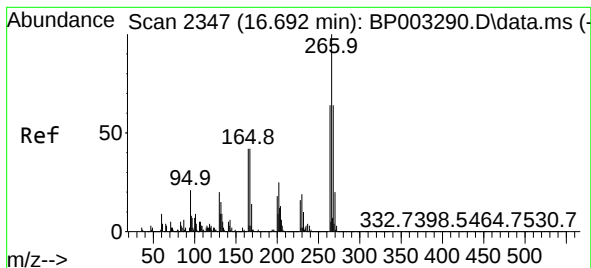
Tgt Ion:184	Resp:	23
Ion	Ratio	Lower Upper
184	100	
63	373.3	32.3 48.5#
154	443.3	49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

Tgt Ion:188	Resp:	780541
Ion	Ratio	Lower Upper
188	100	
94	9.0	6.2 9.2
80	9.8	6.2 9.2#

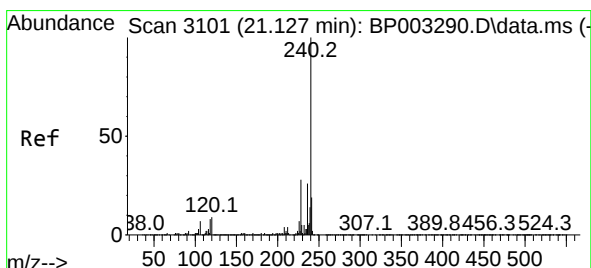
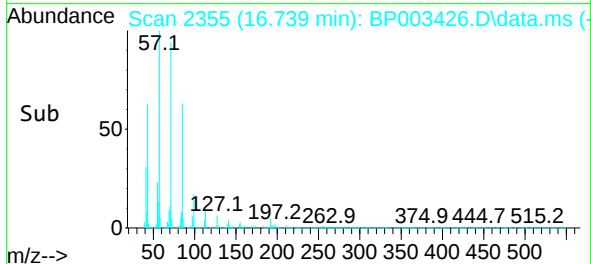
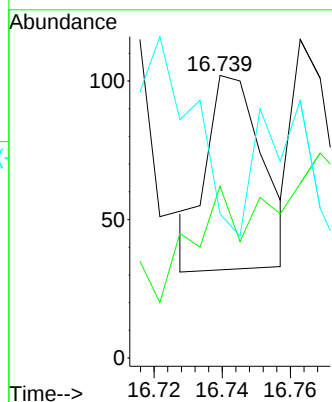
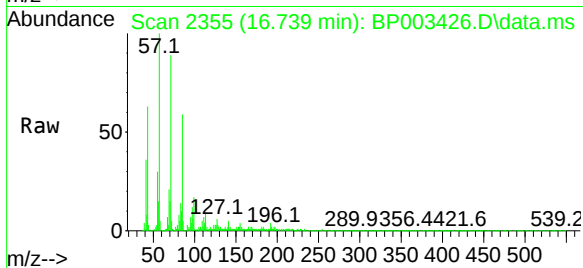




#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.739 min Scan# 2355
Delta R.T. 0.117 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

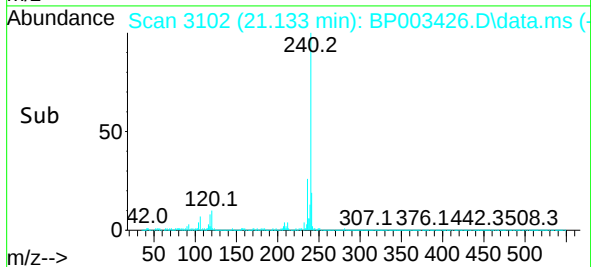
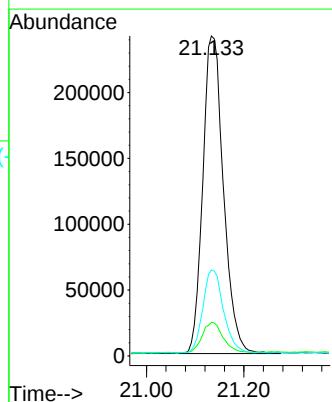
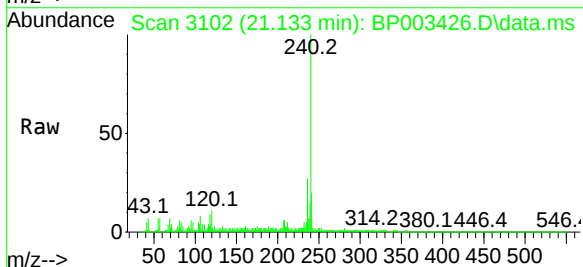
Instrument :
BNA_P
ClientSampleId :
B-11(0-1)

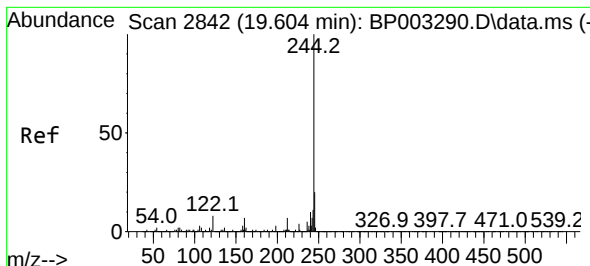
Tgt Ion:266 Resp: 80
Ion Ratio Lower Upper
266 100
268 60.8 51.1 76.7
264 51.0 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.133 min Scan# 3102
Delta R.T. 0.070 min
Lab File: BP003426.D
Acq: 30 Sep 2020 22:19

Tgt Ion:240 Resp: 710409
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 26.9 20.8 31.2





#79

Terphenyl-d14

Concen: 3.42 ng

RT: 19.557 min Scan# 2834

Delta R.T. 0.023 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

Instrument :

BNA_P

ClientSampleId :

B-11(0-1)

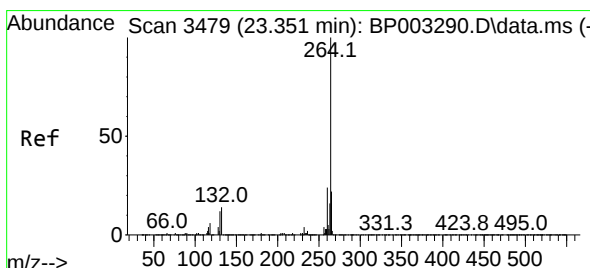
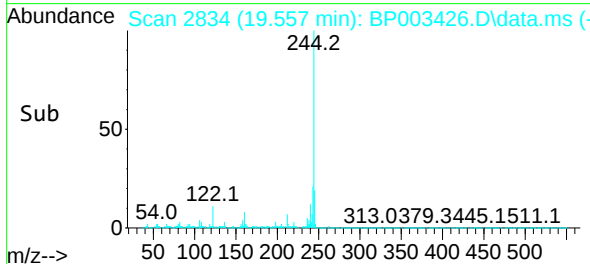
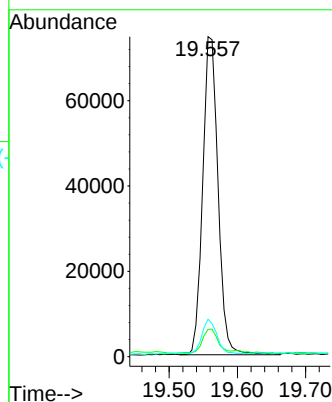
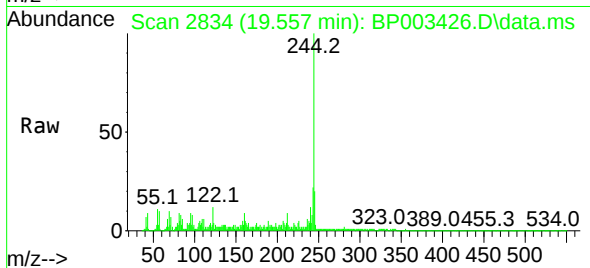
Tgt Ion:244 Resp: 116624

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

122 11.7 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.557 min Scan# 3514

Delta R.T. 0.300 min

Lab File: BP003426.D

Acq: 30 Sep 2020 22:19

Tgt Ion:264 Resp: 471530

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

265 24.8 17.4 26.2

