

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003425.D
 Acq On : 30 Sep 2020 21:45
 Operator : CG/JU
 Sample : L4179-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-10(1-2)

Quant Time: Oct 01 02:18:01 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)

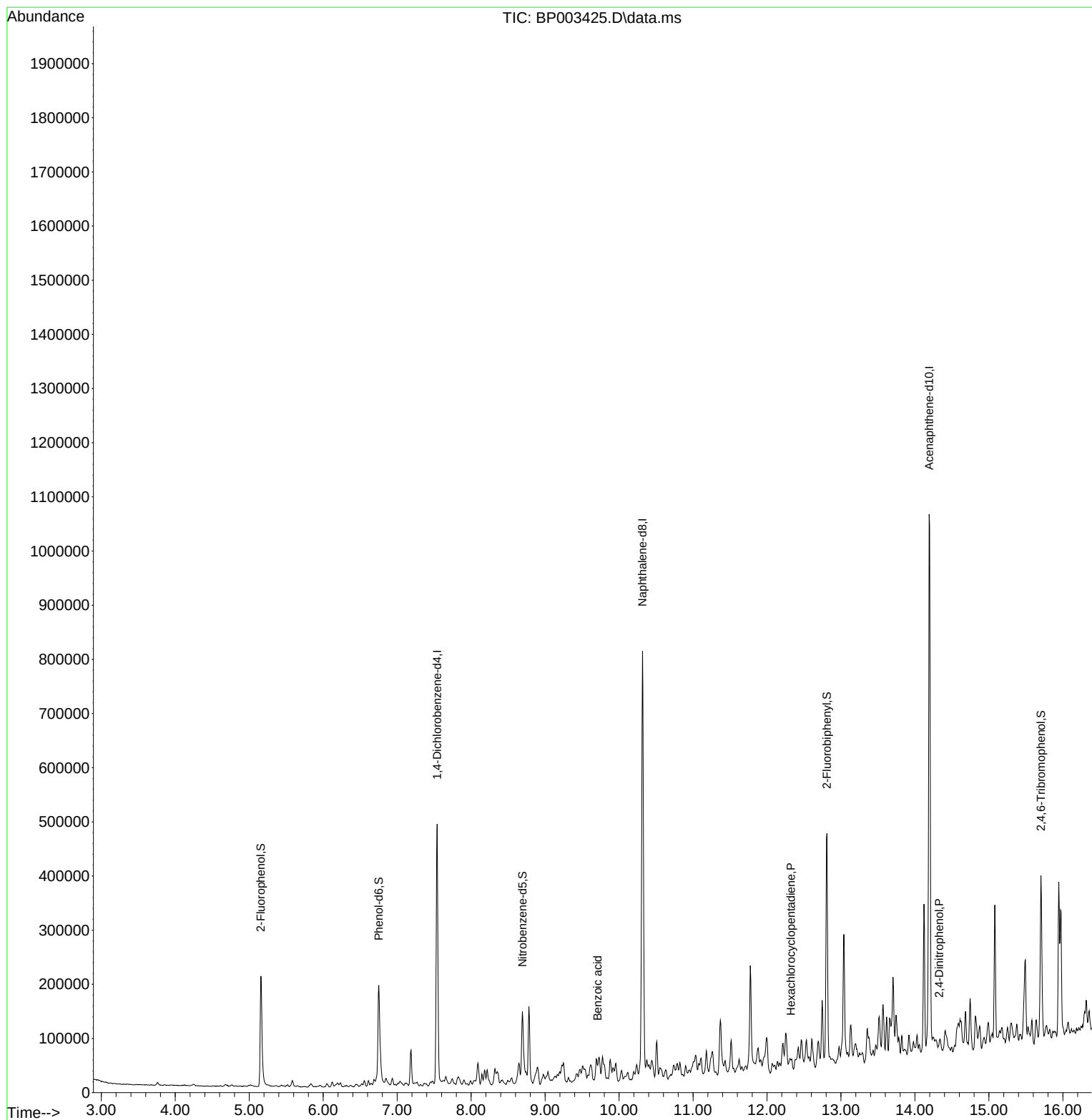
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	128860	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	532924	20.00	ng	# 0.00
39) Acenaphthene-d10	14.193	164	332811	20.00	ng	0.00
64) Phenanthrene-d10	16.957	188	702614	20.00	ng	# 0.01
76) Chrysene-d12	21.122	240	603525	20.00	ng	0.06
86) Perylene-d12	23.527	264	502520	20.00	ng	0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	110987	15.04	ng	0.00
7) Phenol-d6	6.752	99	149629	15.21	ng	0.01
23) Nitrobenzene-d5	8.693	82	87487	9.64	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	57524	11.33	ng	0.01
45) 2-Fluorobiphenyl	12.810	172	229401	10.08	ng	0.00
79) Terphenyl-d14	19.557	244	325069	11.22	ng	0.02
Target Compounds						
32) Benzoic acid	9.710	122	52	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.322	237	12	6.84	ng	80
54) 2,4-Dinitrophenol	14.328	184	36	7.26	ng	# 1
70) Pentachlorophenol	16.634	266	72	6.79	ng	# 50

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

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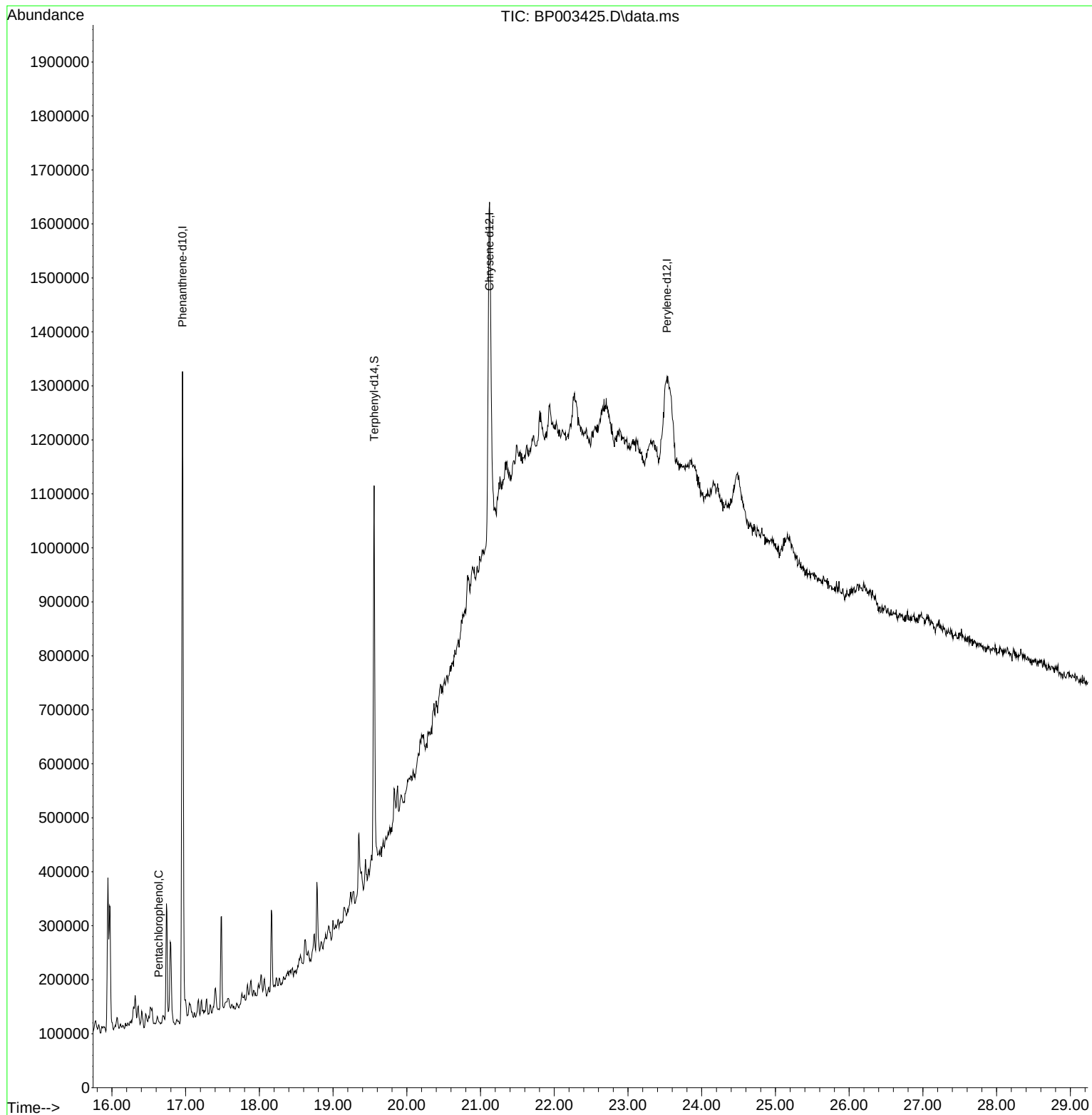
Quant Time: Oct 01 02:18:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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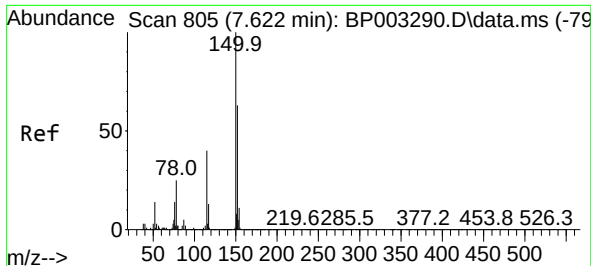


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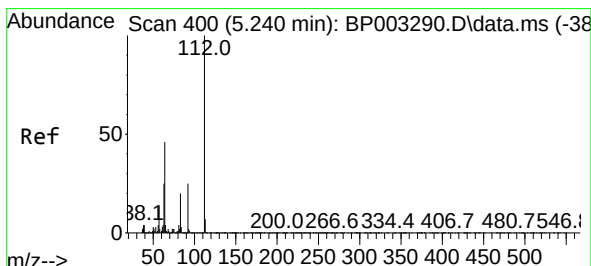
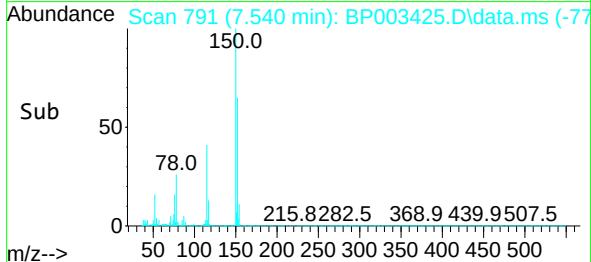
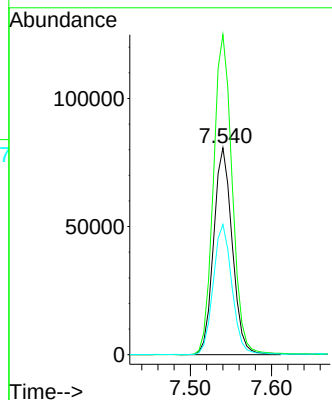
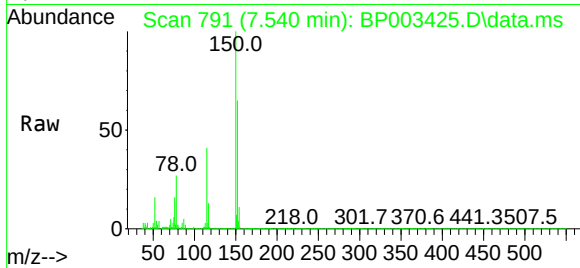




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.540 min Scan# 791
Delta R.T. 0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

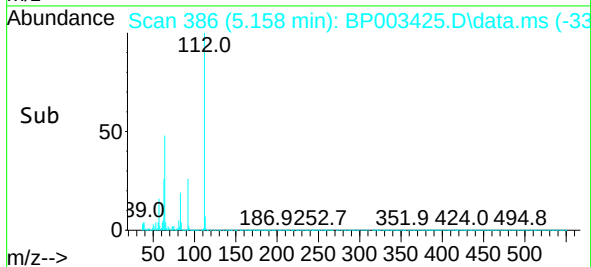
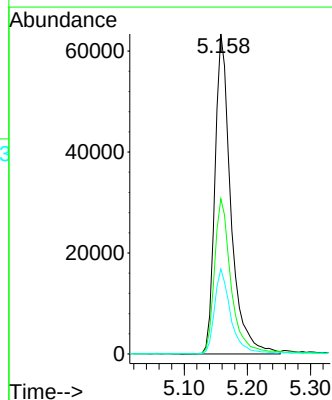
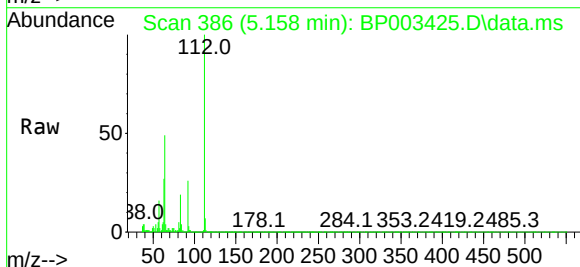
Instrument :
BNA_P
ClientSampleId :
B-10(1-2)

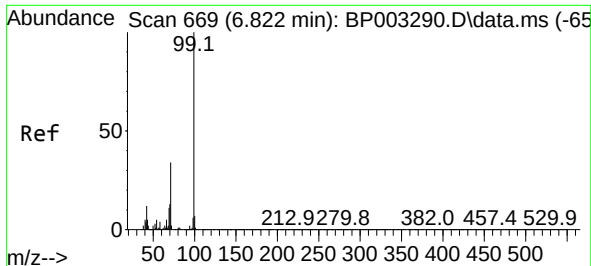
Tgt Ion:152 Resp: 128860
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 62.9 43.8 65.6



#5
2-Fluorophenol
Concen: 15.04 ng
RT: 5.158 min Scan# 386
Delta R.T. 0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:112 Resp: 110987
Ion Ratio Lower Upper
112 100
64 48.5 32.8 49.2
63 26.5 17.0 25.4#

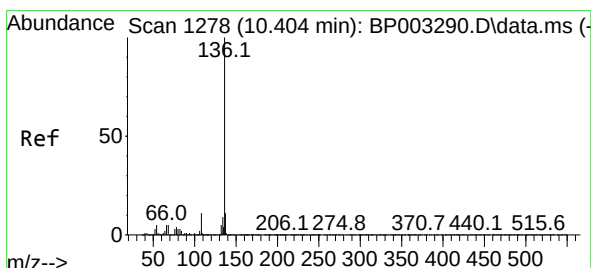
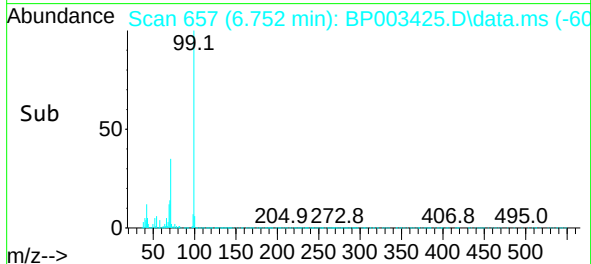
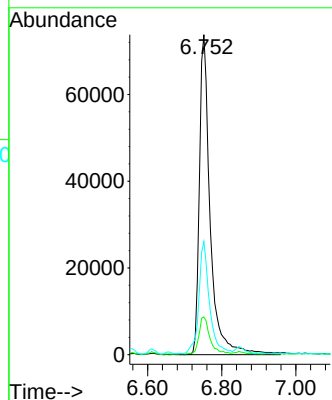
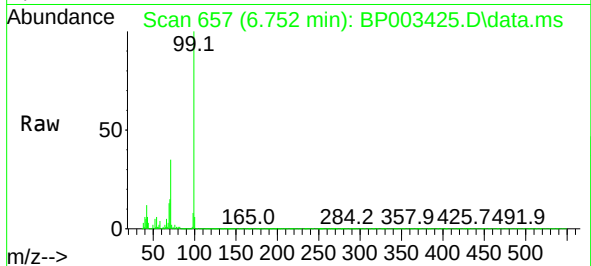




#7
Phenol-d6
Concen: 15.21 ng
RT: 6.752 min Scan# 657
Delta R.T. 0.012 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

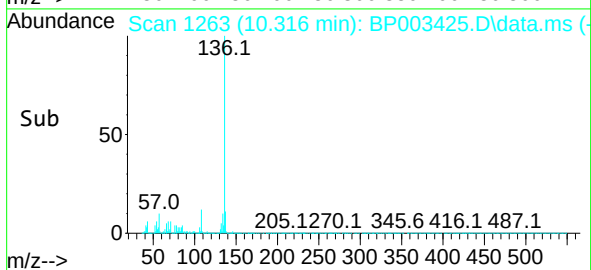
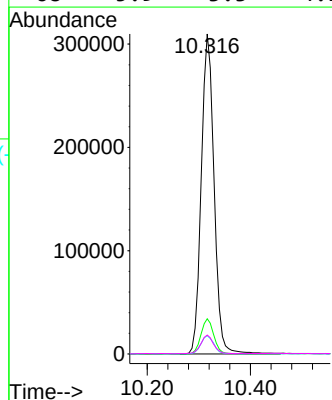
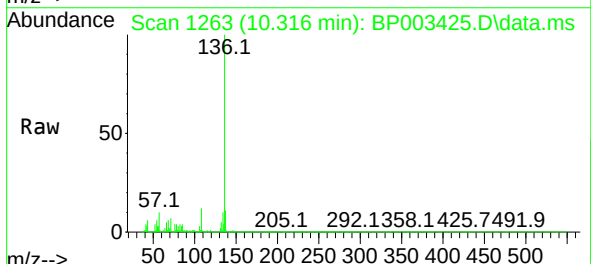
Instrument :
BNA_P
ClientSampleId :
B-10(1-2)

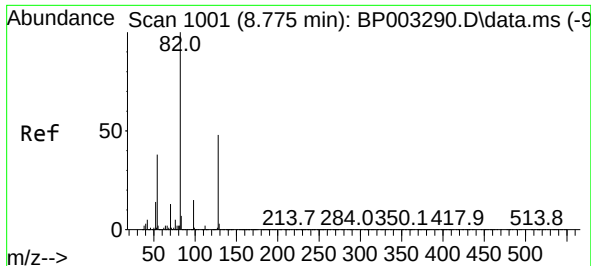
Tgt Ion: 99 Resp: 149629
Ion Ratio Lower Upper
99 100
42 11.8 8.6 13.0
71 35.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion: 136 Resp: 532924
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.8 3.6 5.4#
68 5.9 3.3 4.9#

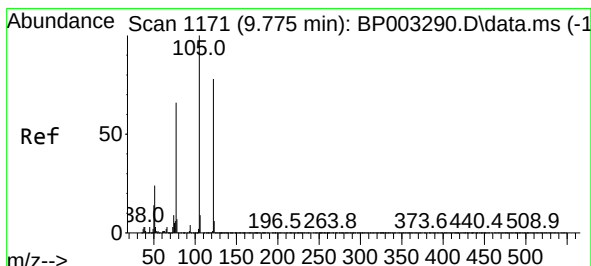
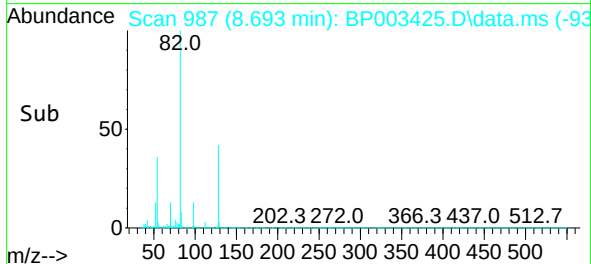
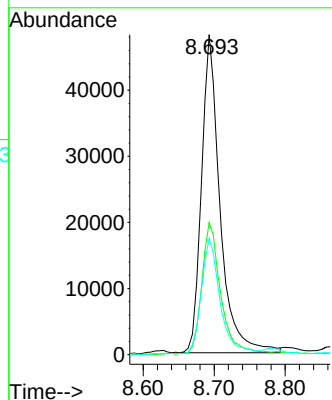
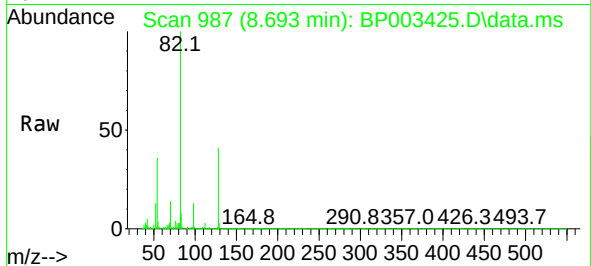




#23
Nitrobenzene-d5
Concen: 9.64 ng
RT: 8.693 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

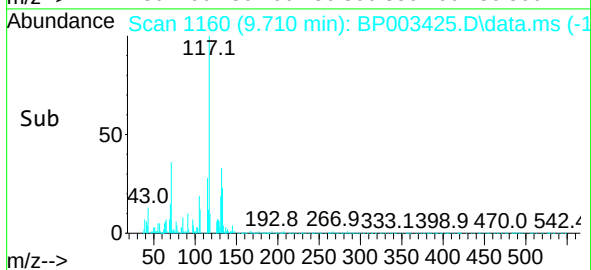
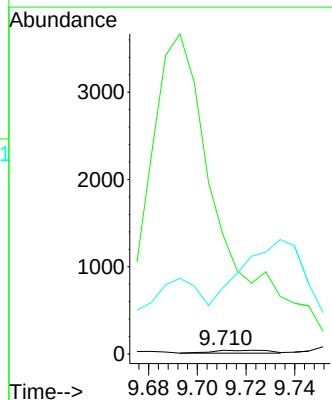
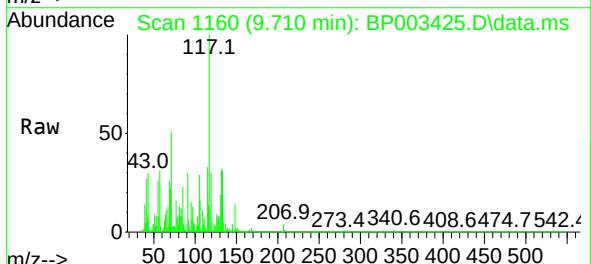
Instrument :
BNA_P
ClientSampleId :
B-10(1-2)

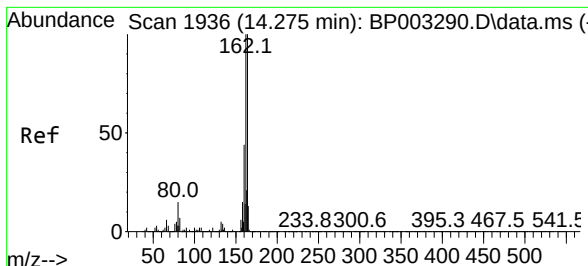
Tgt Ion: 82 Resp: 87487
Ion Ratio Lower Upper
82 100
128 41.3 45.6 68.4#
54 36.3 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion: 122 Resp: 52
Ion Ratio Lower Upper
122 100
105 3181.4 94.1 134.1#
77 1765.1 50.1 90.1#

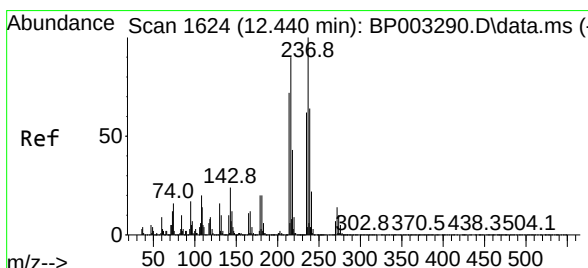
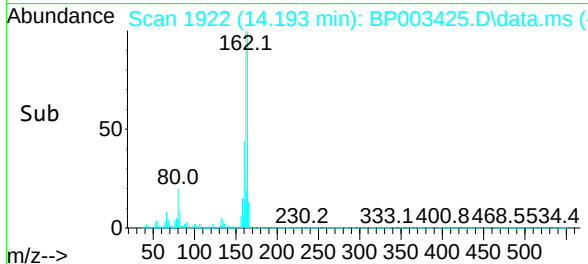
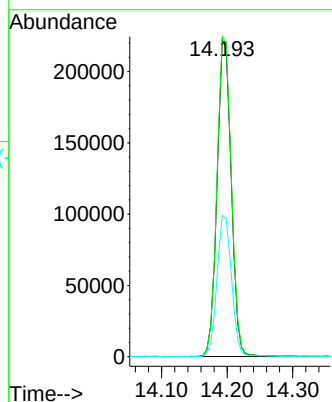
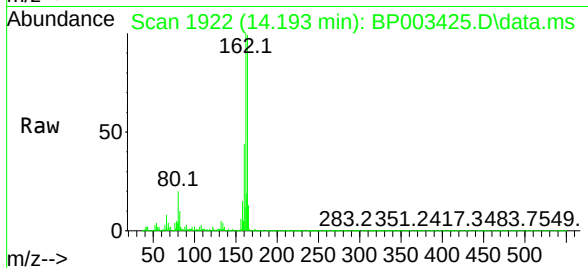




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.193 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

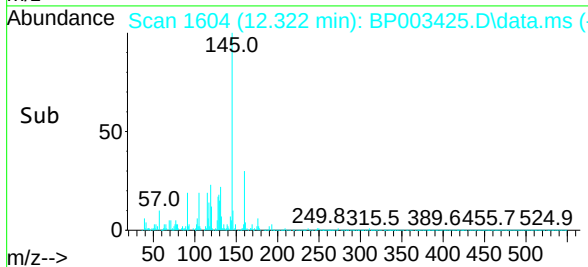
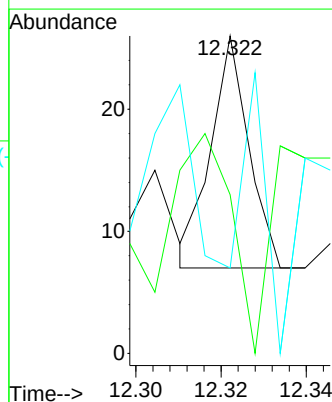
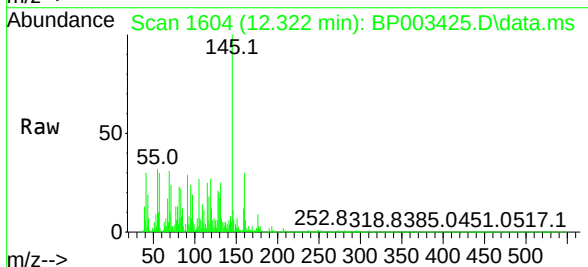
Instrument :
BNA_P
ClientSampleId :
B-10(1-2)

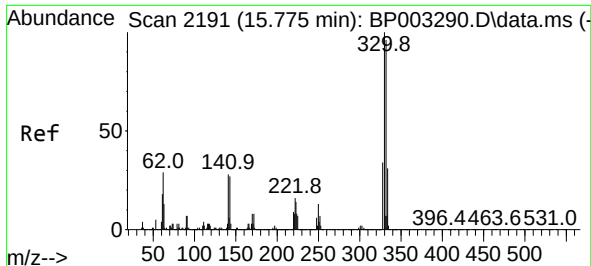
Tgt Ion:164 Resp: 332811
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 44.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.322 min Scan# 1604
Delta R.T. -0.029 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 50.0 43.2 83.2
272 26.9 0.0 33.3

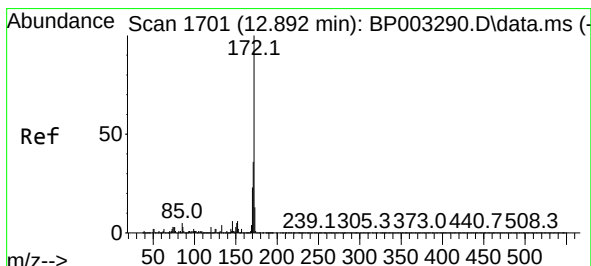
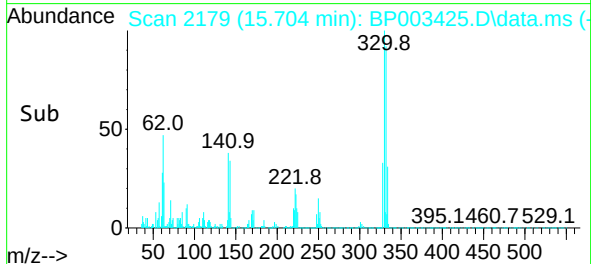
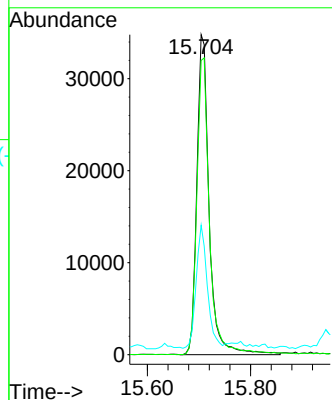
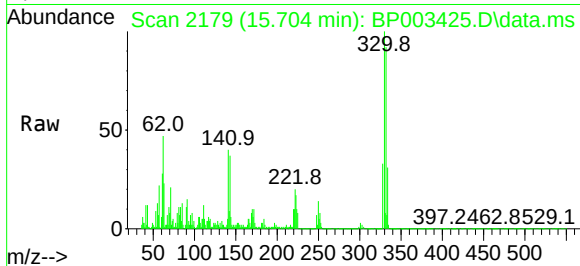




#42
2,4,6-Tribromophenol
Concen: 11.33 ng
RT: 15.704 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

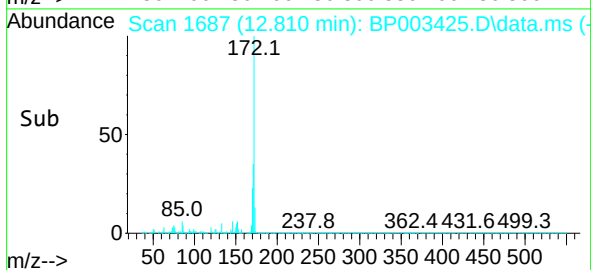
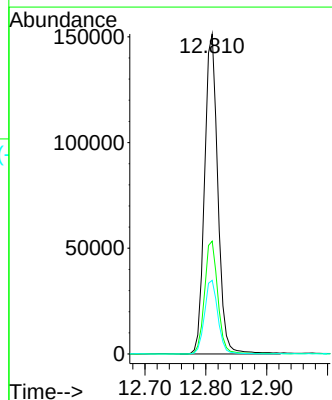
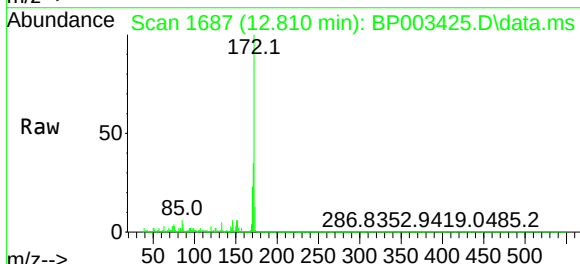
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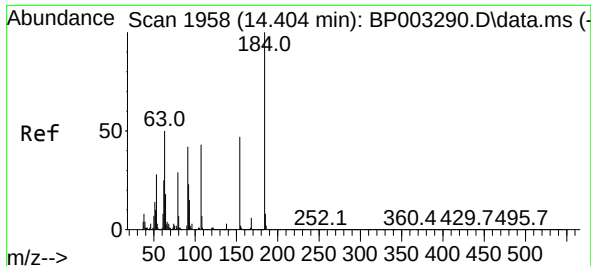
Tgt Ion:330 Resp: 57524
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 35.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 10.08 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:172 Resp: 229401
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.0 19.2 28.8

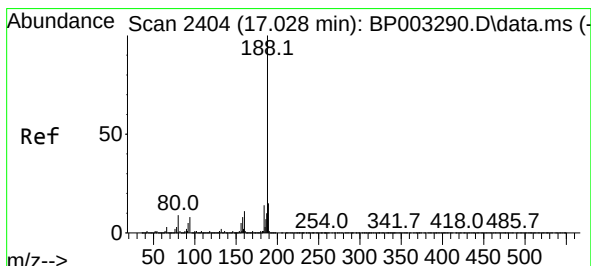
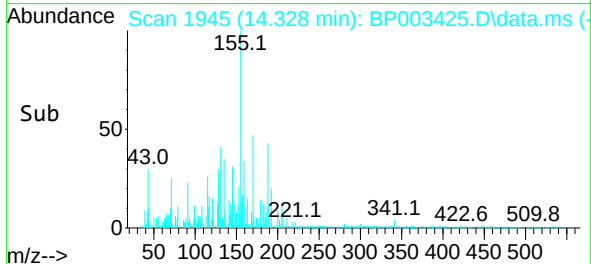
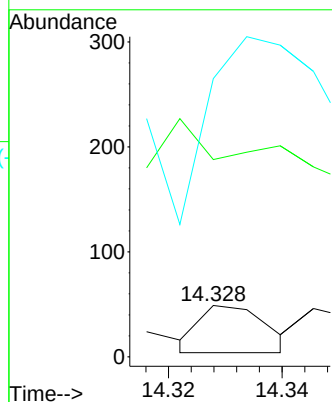
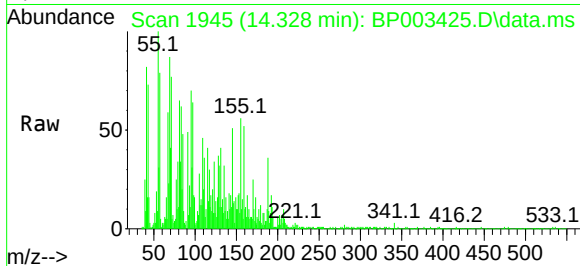




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

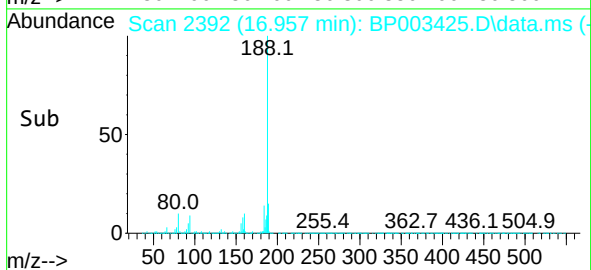
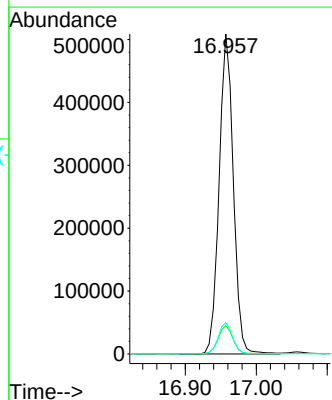
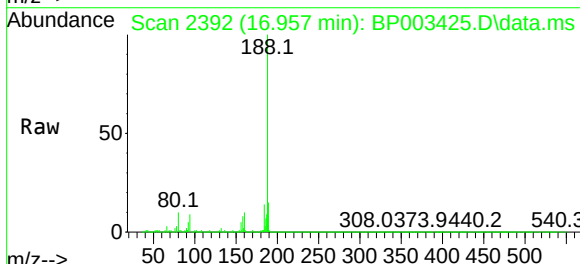
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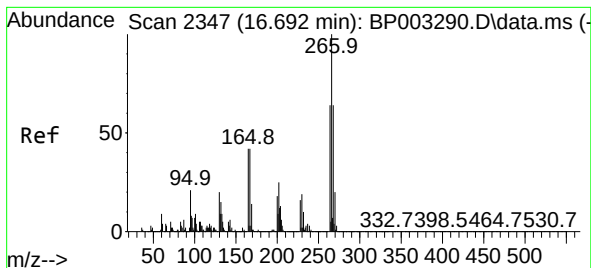
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 383.7 32.3 48.5#
154 540.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:188 Resp: 702614
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.8 6.2 9.2#

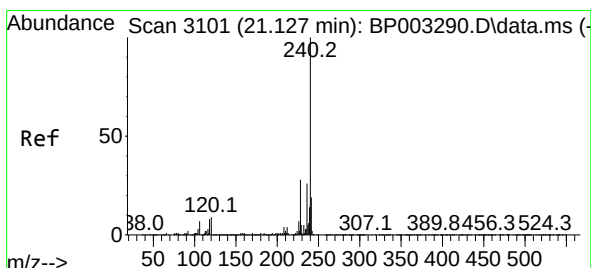
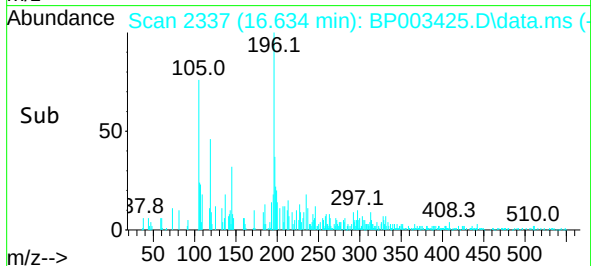
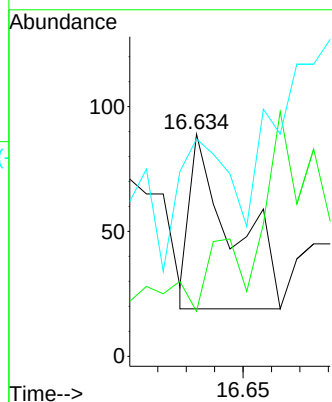
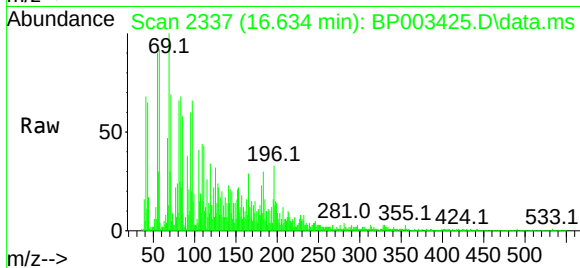




#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.634 min Scan# 2337
Delta R.T. 0.012 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

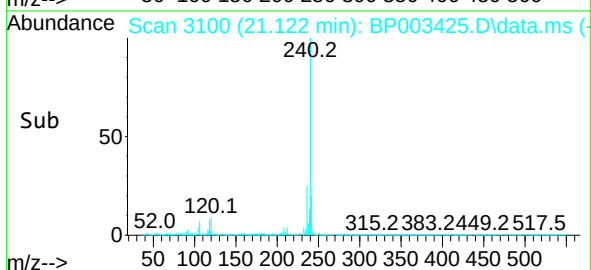
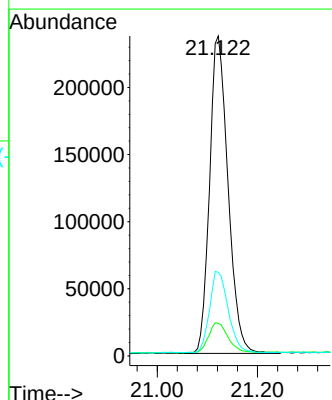
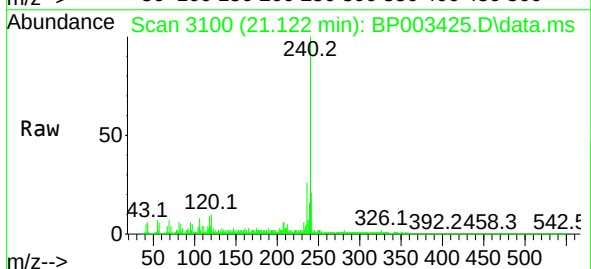
Instrument :
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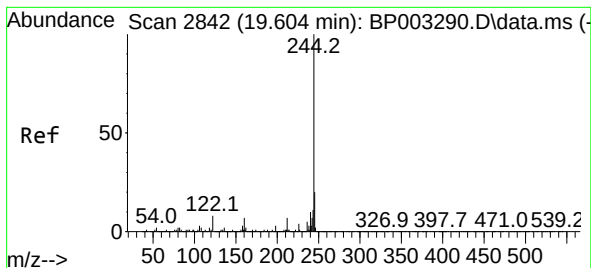
Tgt Ion:266 Resp: 72
Ion Ratio Lower Upper
266 100
268 20.2 51.1 76.7#
264 97.8 50.6 76.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.122 min Scan# 3100
Delta R.T. 0.059 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:240 Resp: 603525
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.1 20.8 31.2

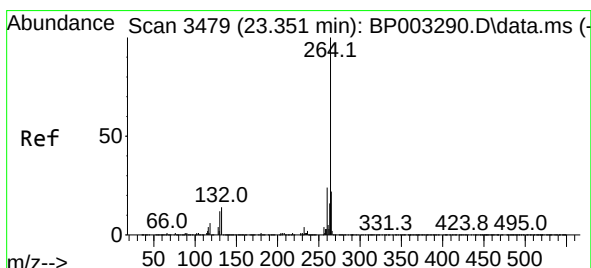
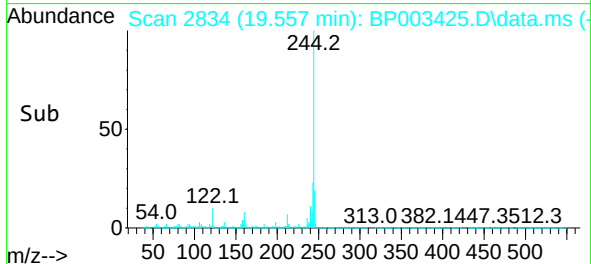
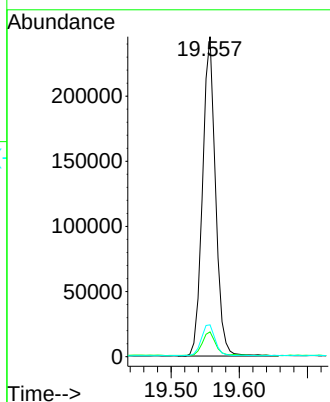
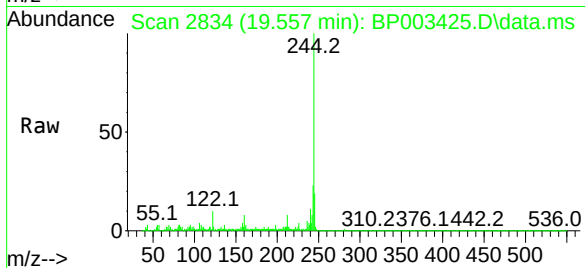




#79
Terphenyl-d14
Concen: 11.22 ng
RT: 19.557 min Scan# 2834
Delta R.T. 0.024 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Instrument :
BNA_P
ClientSampleId :
B-10(1-2)

Tgt Ion:244 Resp: 325069
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 9.9 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.527 min Scan# 3509
Delta R.T. 0.271 min
Lab File: BP003425.D
Acq: 30 Sep 2020 21:45

Tgt Ion:264 Resp: 502520
Ion Ratio Lower Upper
264 100
260 25.7 18.8 28.2
265 23.9 17.4 26.2

