

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
 Data File : BP005950.D
 Acq On : 16 Jun 2021 14:46
 Operator : CG/JU
 Sample : M2678-06RX
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0239-AMND-COMP-D(CL-01A)RX

Quant Time: Jun 16 15:20:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

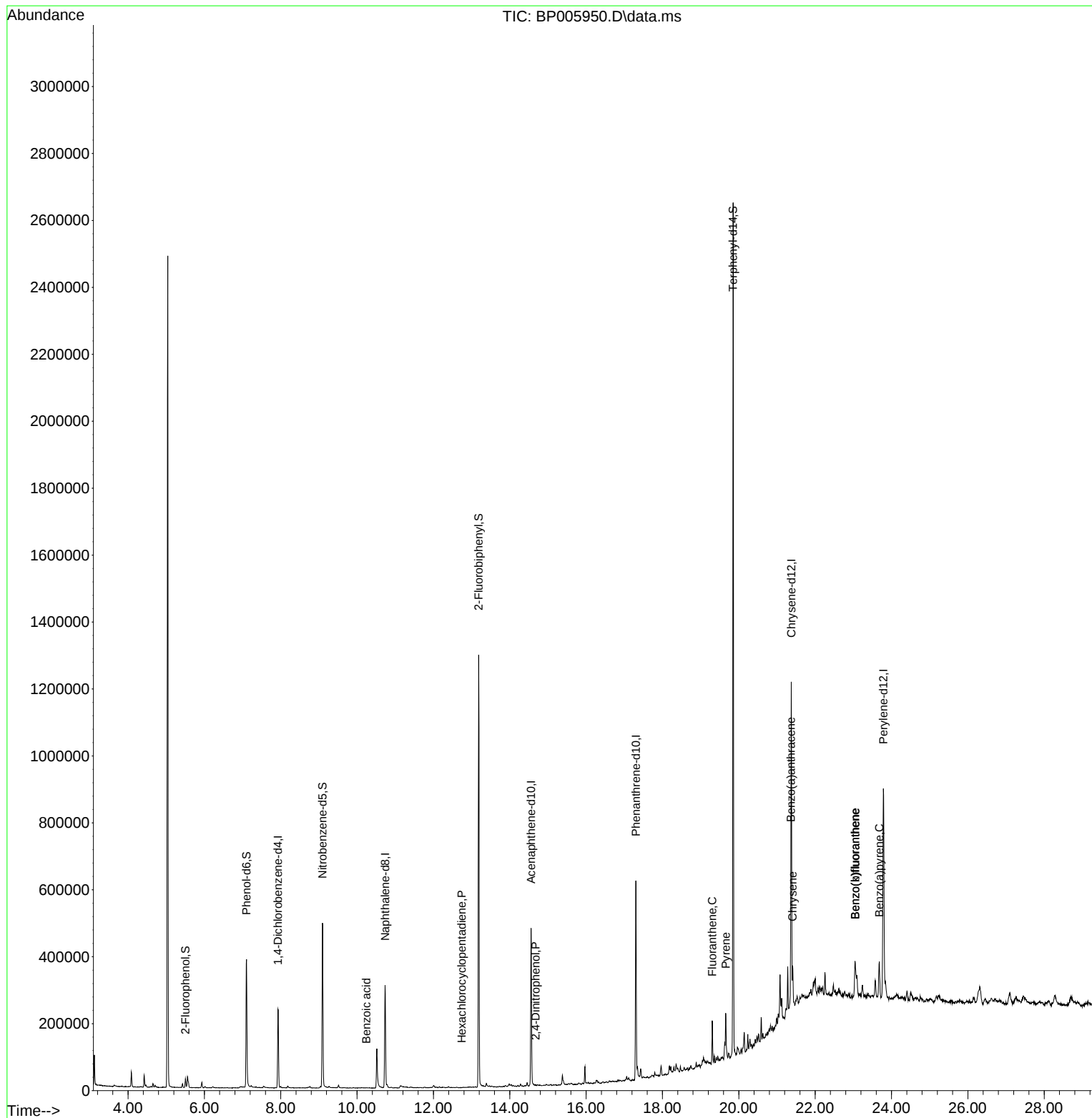
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	67979	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	255063	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	162286	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	356685	20.000	ng	0.00
76) Chrysene-d12	21.374	240	438026	20.000	ng	0.00
86) Perylene-d12	23.786	264	503102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	12486	2.947	ng	0.00
7) Phenol-d6	7.105	99	236669	43.101	ng	0.00
23) Nitrobenzene-d5	9.093	82	303654	58.367	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	657	0.236	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	662911	53.639	ng	0.00
79) Terphenyl-d14	19.851	244	1151879	49.241	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.246	122	15	6.324	ng	95
41) Hexachlorocyclopentadiene	12.740	237	9	5.507	ng	84
54) 2,4-Dinitrophenol	14.681	184	20	4.859	ng	# 42
75) Fluoranthene	19.304	202	69563	2.674	ng	99
78) Pyrene	19.657	202	83427	2.728	ng	99
81) Benzo(a)anthracene	21.363	228	78431	2.480	ng	97
83) Chrysene	21.410	228	66116	2.159	ng	93
88) Benzo(b)fluoranthene	23.051	252	126101	3.660	ng	# 95
89) Benzo(k)fluoranthene	23.051	252	126101	3.774	ng	# 95
90) Benzo(a)pyrene	23.680	252	76144	2.350	ng	# 95

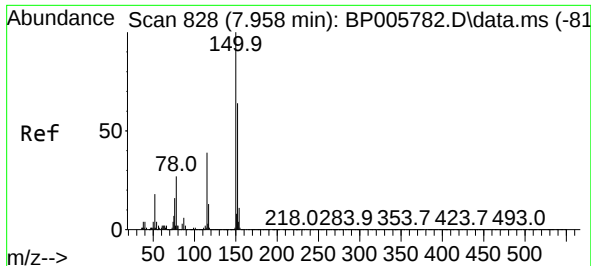
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0239-AMND-COMP-D(CL-01A)RX

Quant Time: Jun 16 15:20:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
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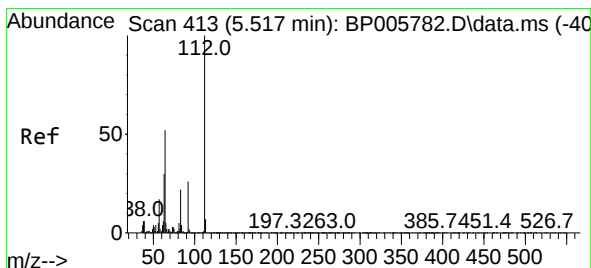
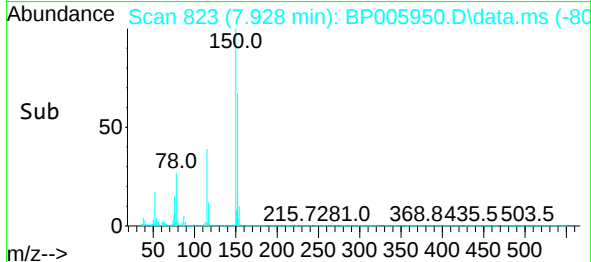
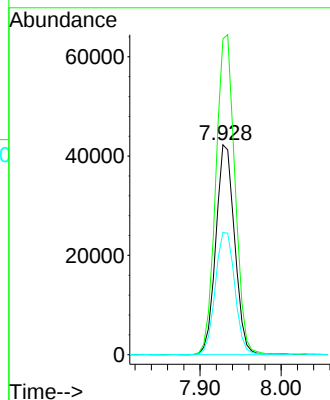
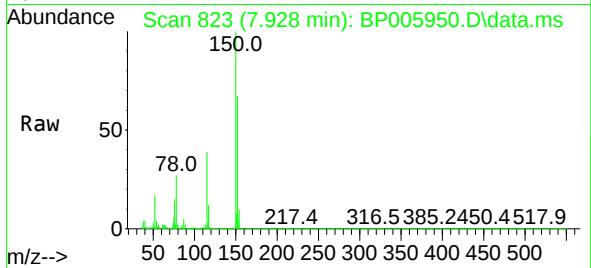




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

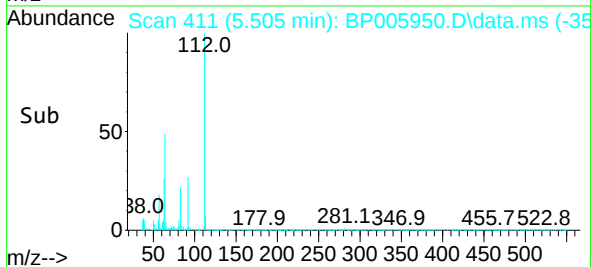
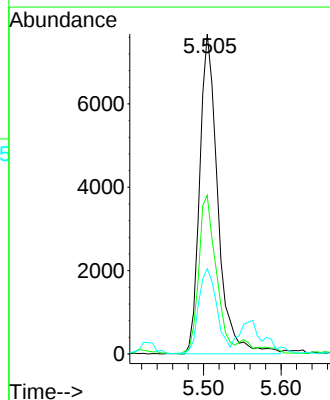
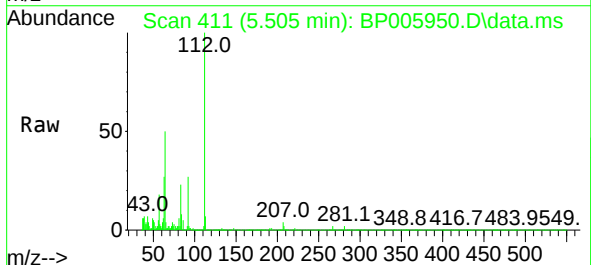
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

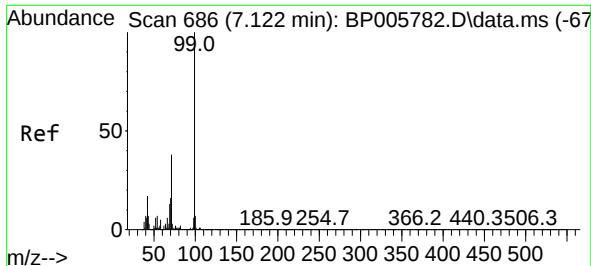
Tgt Ion:152 Resp: 67979
Ion Ratio Lower Upper
152 100
150 150.3 125.6 188.4
115 58.3 48.5 72.7



#5
2-Fluorophenol
Concen: 2.947 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:112 Resp: 12486
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 26.7 23.8 35.8

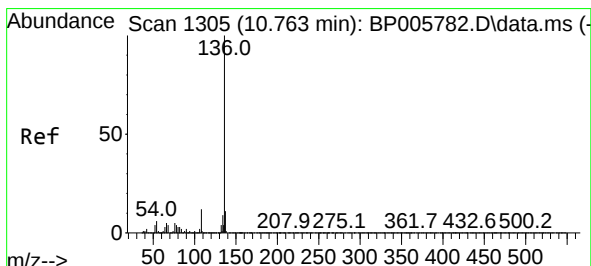
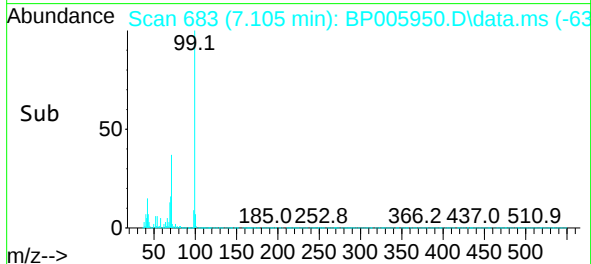
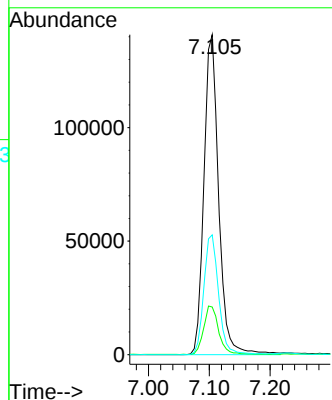
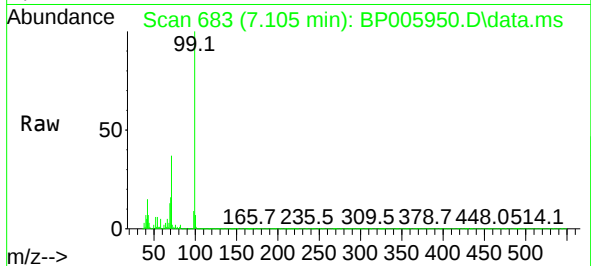




#7
Phenol-d6
Concen: 43.101 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

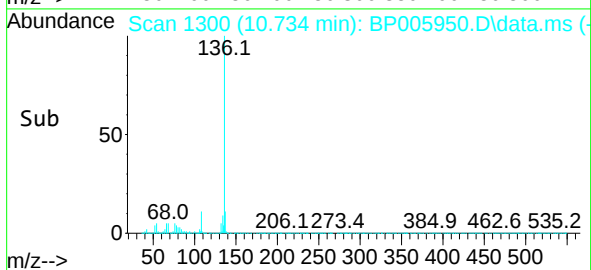
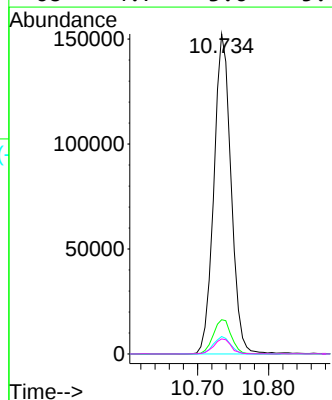
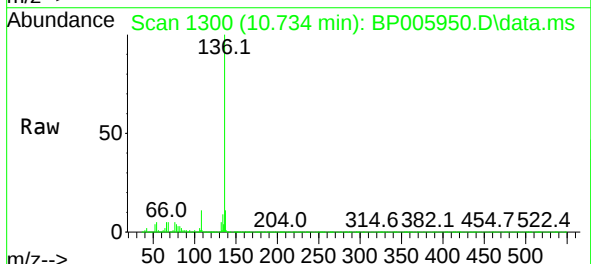
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

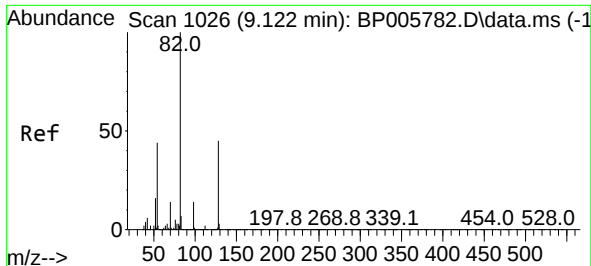
Tgt Ion: 99 Resp: 236669
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion: 136 Resp: 255063
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 5.4 4.6 6.8
68 4.7 3.6 5.4

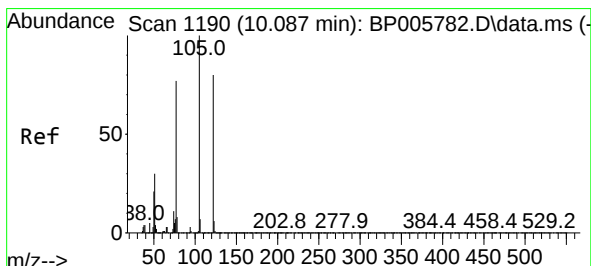
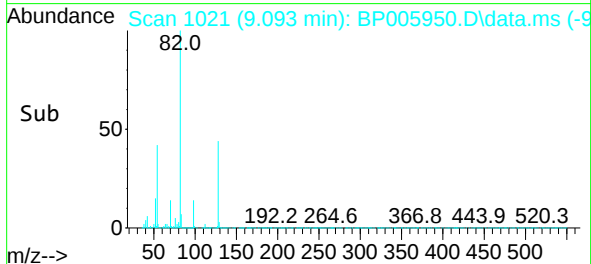
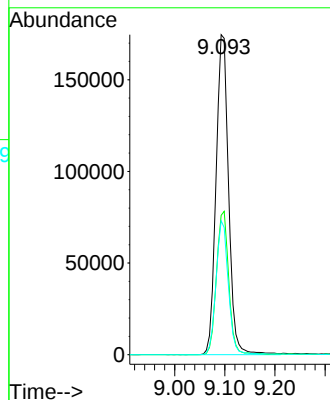
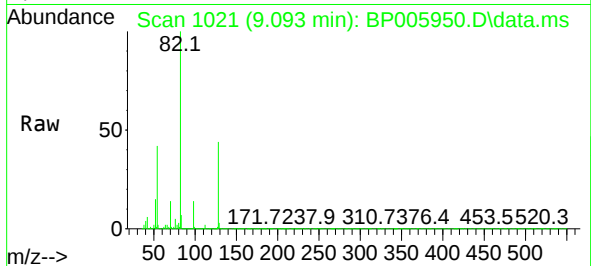




#23
Nitrobenzene-d5
Concen: 58.367 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

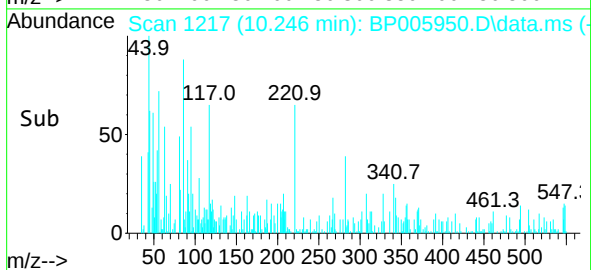
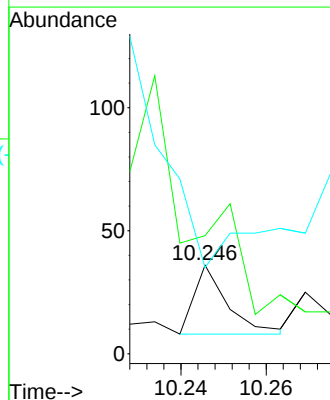
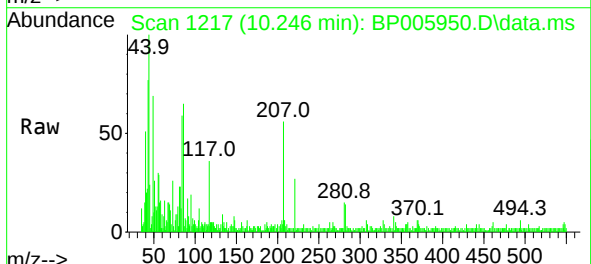
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

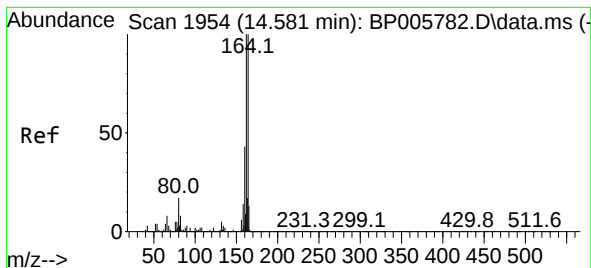
Tgt Ion: 82 Resp: 303654
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 41.9 35.0 52.4



#32
Benzoic acid
Concen: 6.324 ng
RT: 10.246 min Scan# 1217
Delta R.T. 0.165 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 133.3 103.2 143.2
77 97.2 76.2 116.2

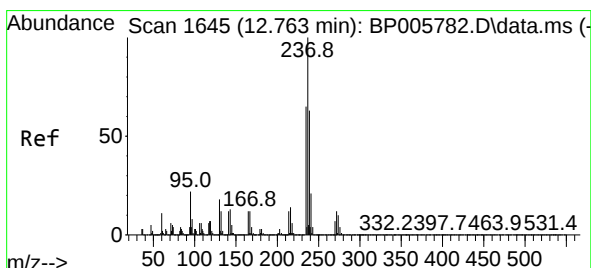
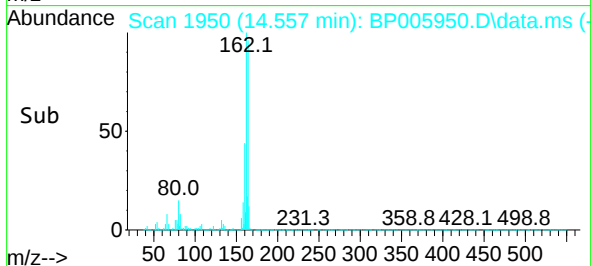
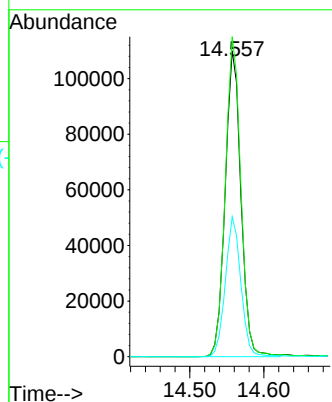
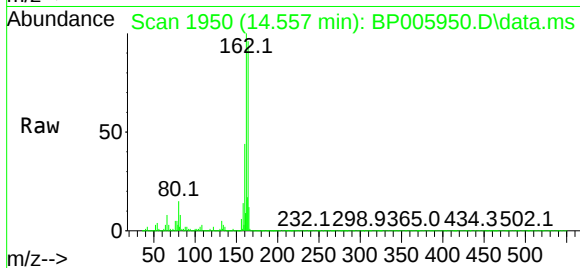




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

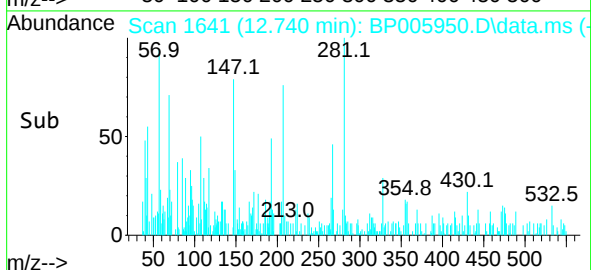
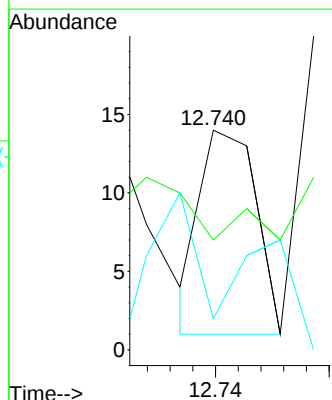
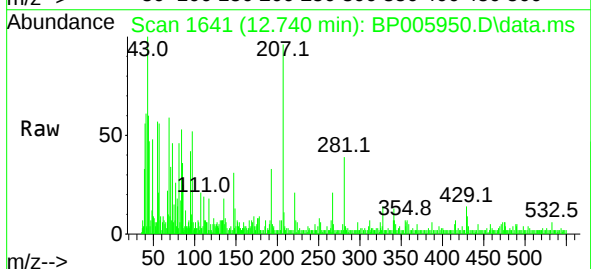
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

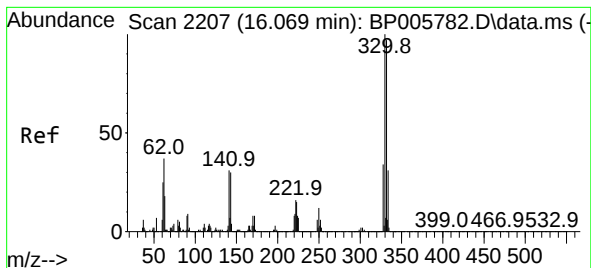
Tgt Ion:164 Resp: 162286
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 45.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.507 ng
RT: 12.740 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 14.3 0.0 32.5

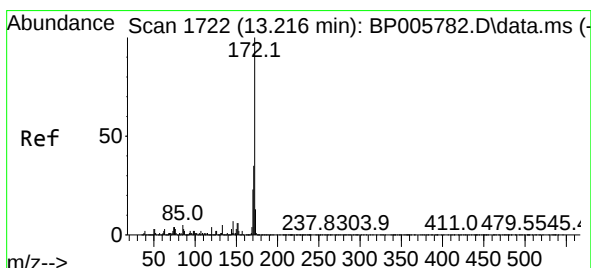
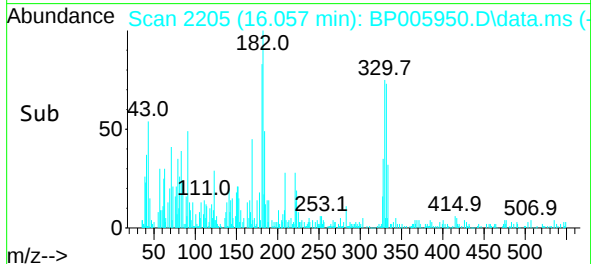
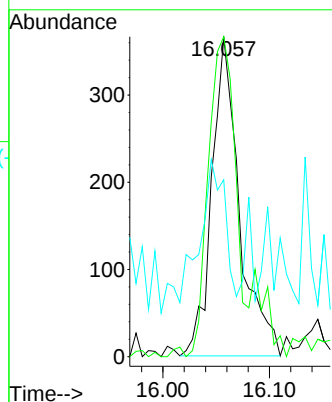
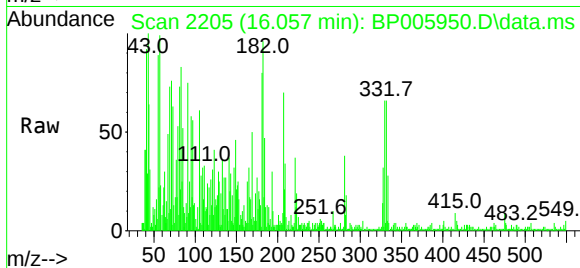




#42
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

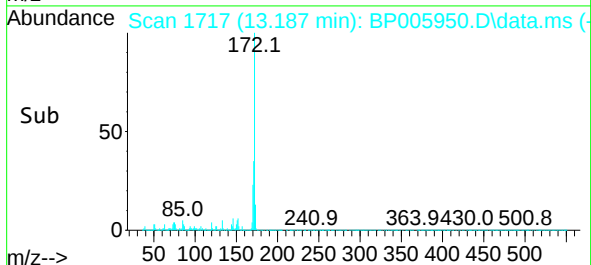
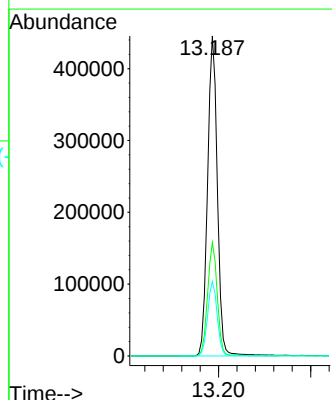
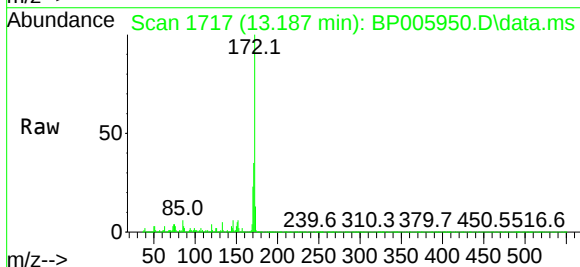
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0239-AMND-COMP-D(CL-01A)RX

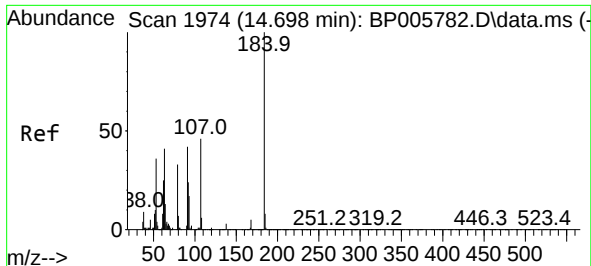
Tgt Ion:330 Resp: 657
Ion Ratio Lower Upper
330 100
332 99.8 77.8 116.8
141 37.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 53.639 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:172 Resp: 662911
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

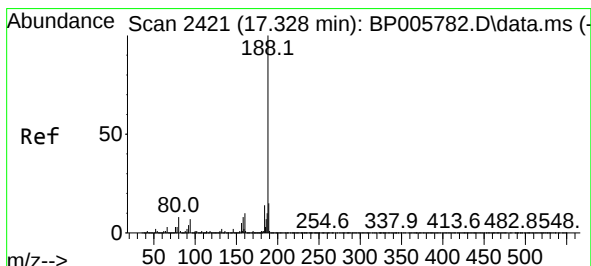
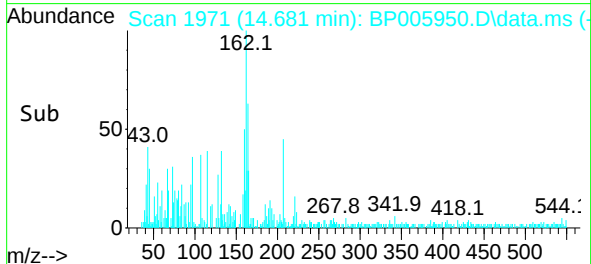
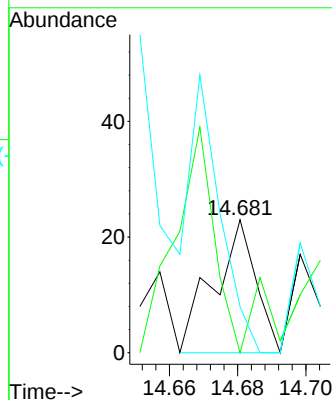
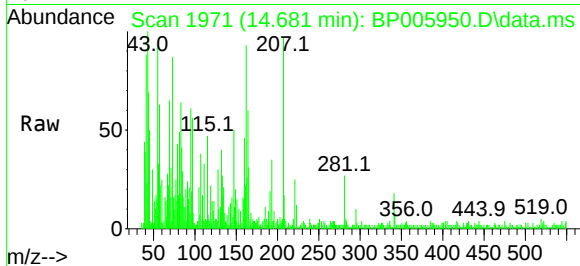




#54
2,4-Dinitrophenol
Concen: 4.859 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

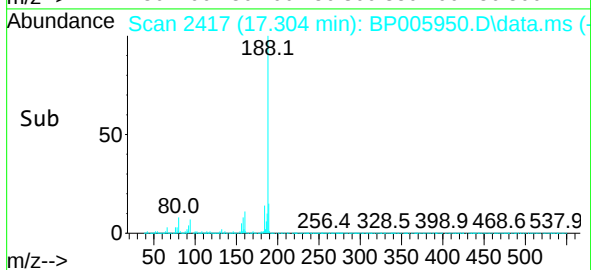
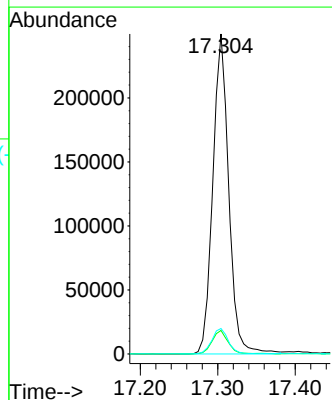
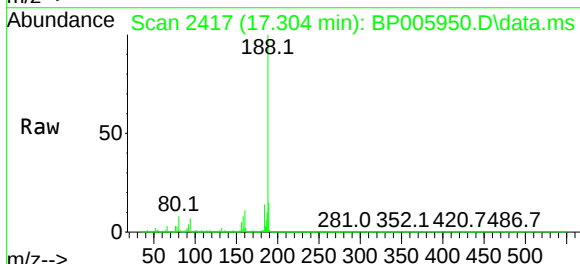
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0239-AMND-COMP-D(CL-01A)RX

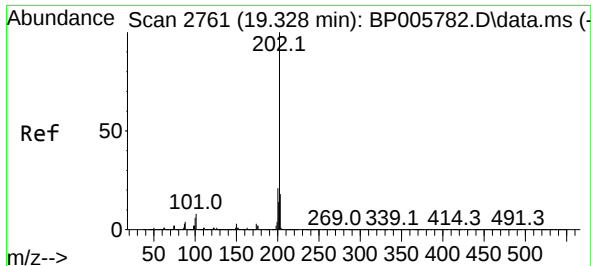
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 0.0 47.0 70.6#
154 34.8 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:188 Resp: 356685
Ion Ratio Lower Upper
188 100
94 7.3 5.6 8.4
80 7.9 6.3 9.5

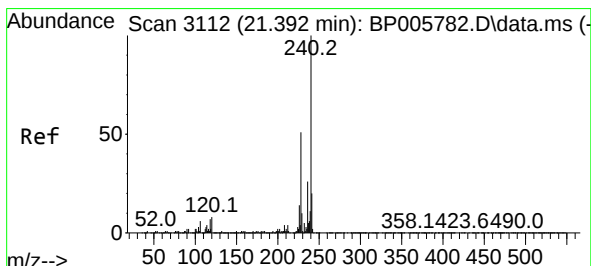
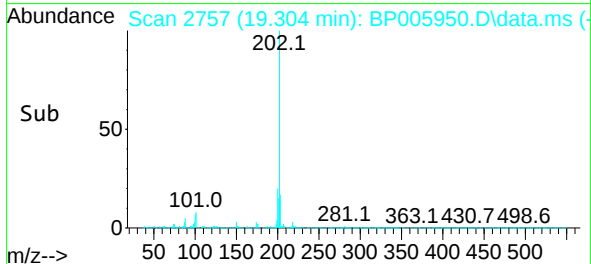
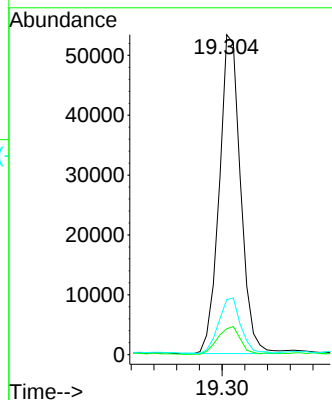
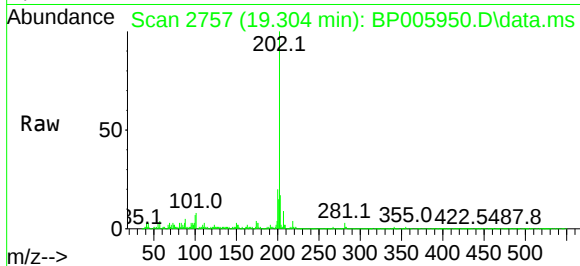




#75
Fluoranthene
Concen: 2.674 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

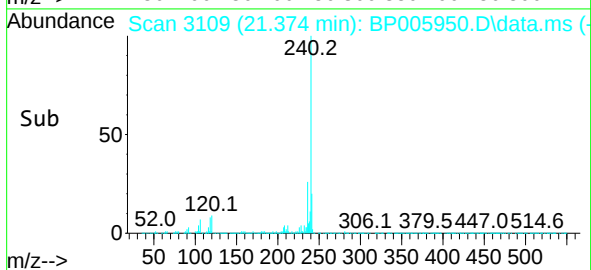
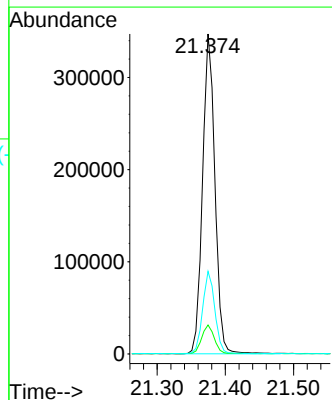
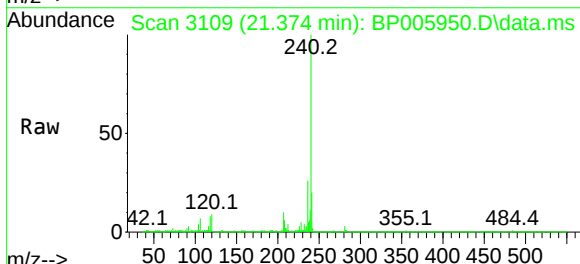
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

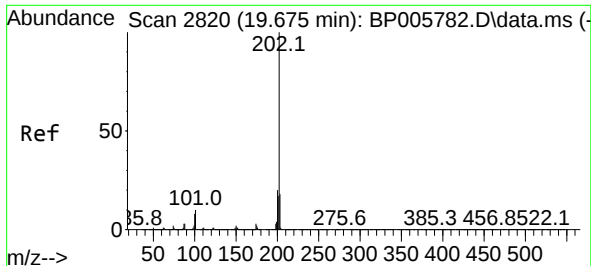
Tgt Ion:	202	Resp:	69563
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	27.6
203	17.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:	240	Resp:	438026
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.5	9.7
236	25.8	20.6	31.0

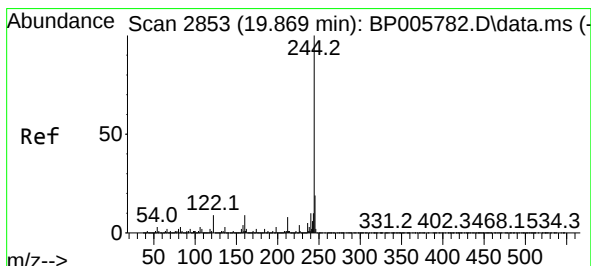
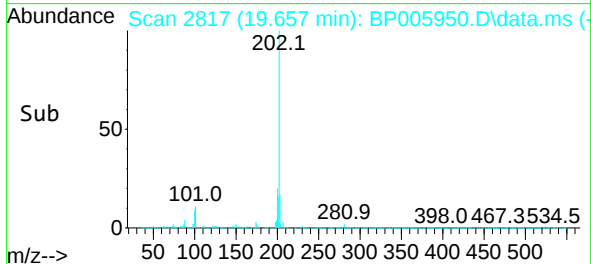
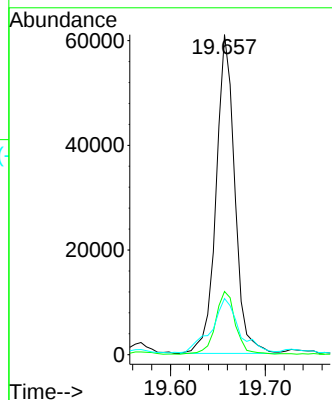
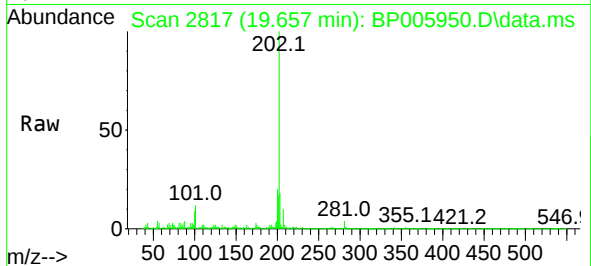




#78
Pyrene
Concen: 2.728 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

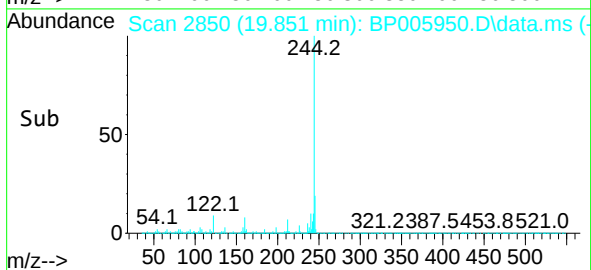
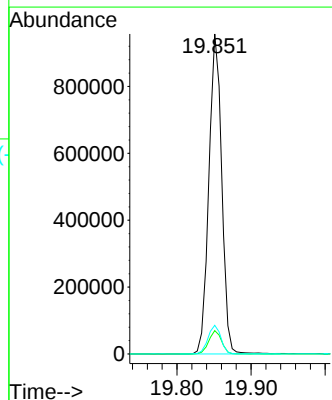
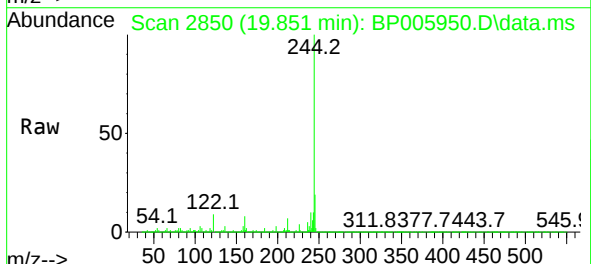
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

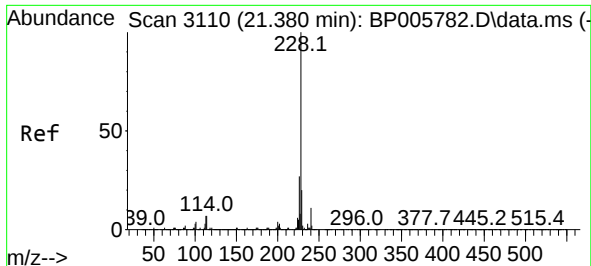
Tgt Ion:202 Resp: 83427
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 17.5 14.2 21.2



#79
Terphenyl-d14
Concen: 49.241 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:244 Resp: 1151879
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.9 7.1 10.7

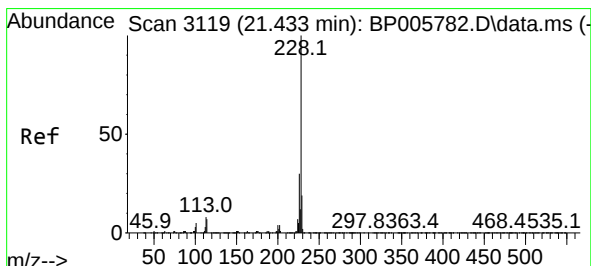
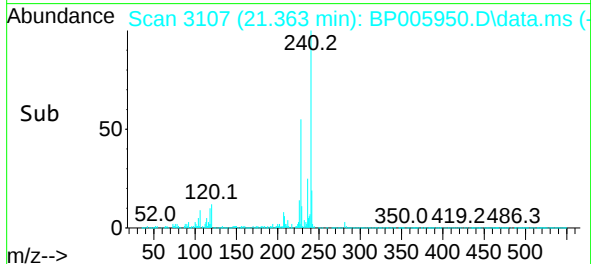
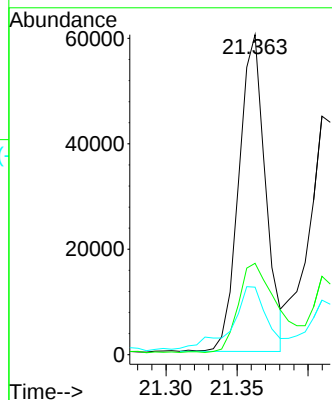
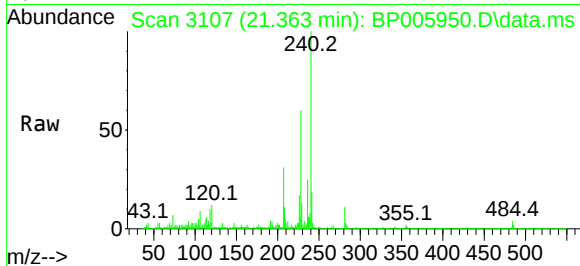




#81
Benzo(a)anthracene
Concen: 2.480 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

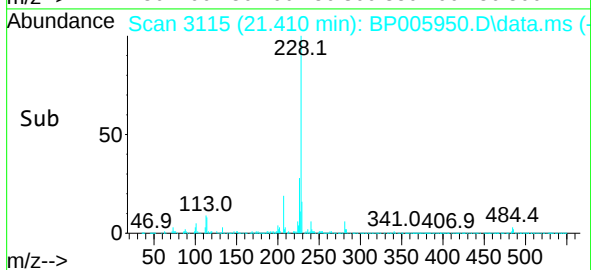
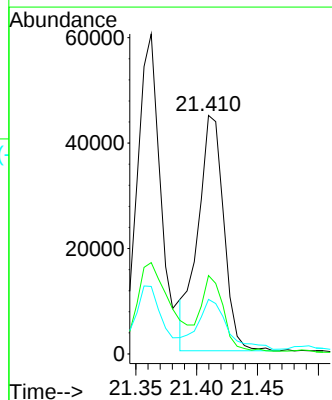
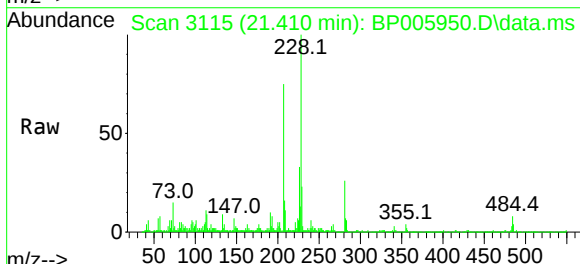
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

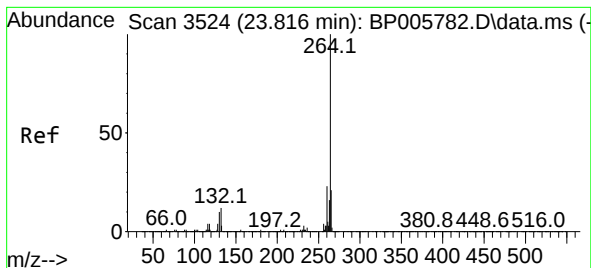
Tgt Ion:228 Resp: 78431
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 21.1 15.8 23.6



#83
Chrysene
Concen: 2.159 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:228 Resp: 66116
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.6
229 22.9 15.4 23.2

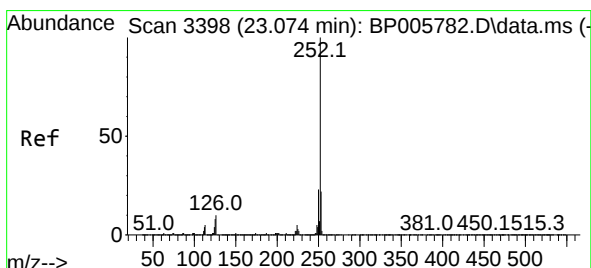
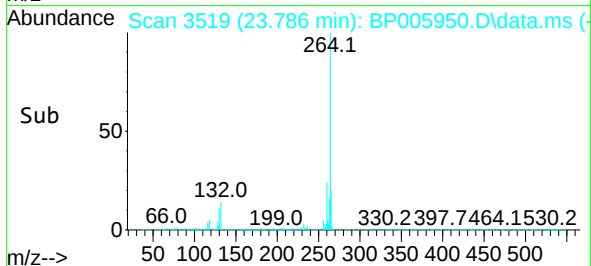
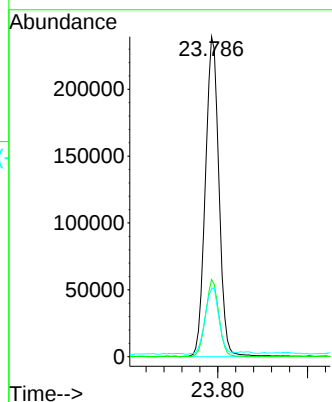
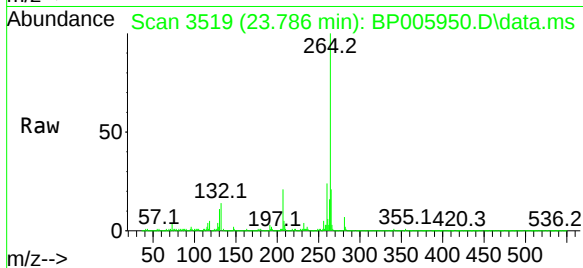




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

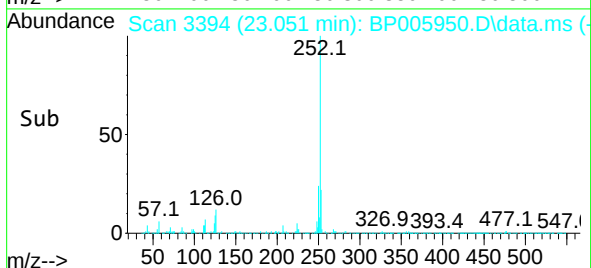
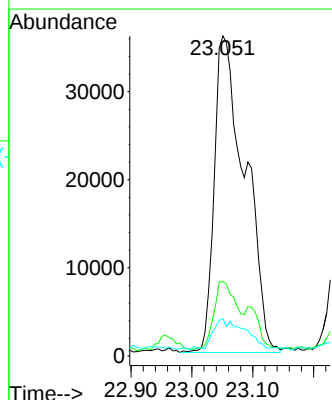
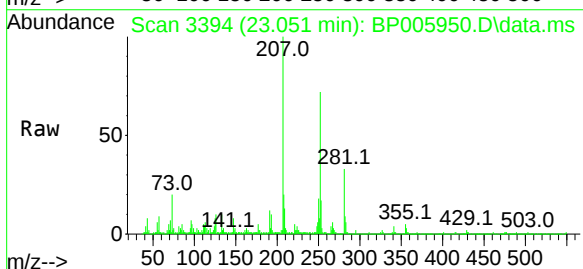
Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

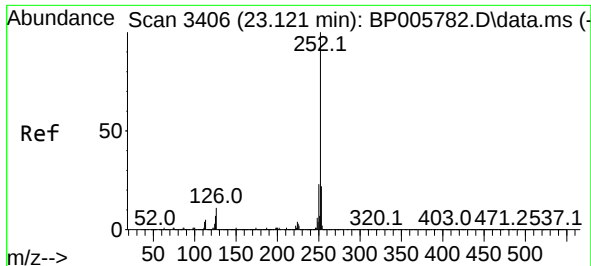
Tgt Ion:264 Resp: 503102
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.660 ng
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:252 Resp: 126101
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.6 6.2 9.4#

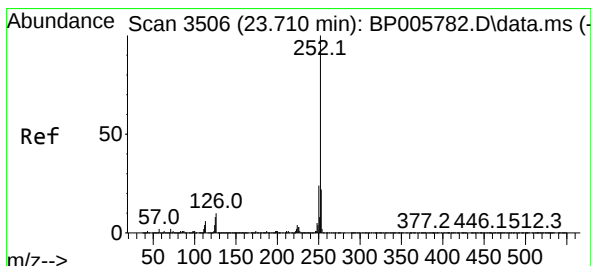
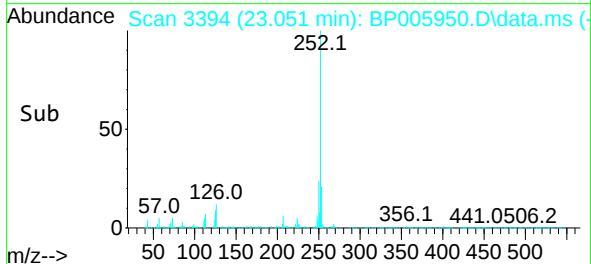
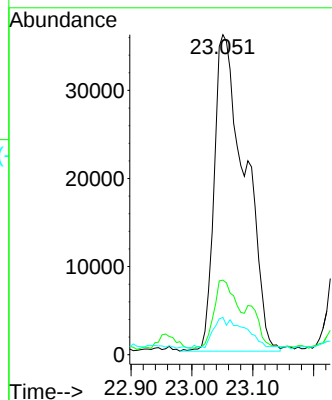
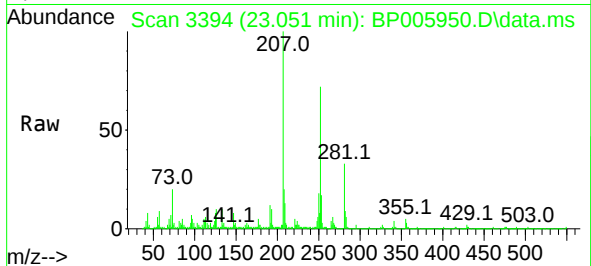




#89
Benzo(k)fluoranthene
Concen: 3.774 ng
RT: 23.051 min Scan# 3394
Delta R.T. -0.053 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Instrument :
BNA_P
ClientSampleId :
0239-AMND-COMP-D(CL-01A)RX

Tgt Ion:252 Resp: 126101
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 11.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.350 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP005950.D
Acq: 16 Jun 2021 14:46

Tgt Ion:252 Resp: 76144
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 10.7 6.5 9.7#

