

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004034.D
 Acq On : 20 Nov 2020 20:51
 Operator : CG/JU
 Sample : L4779-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1643

Quant Time: Nov 23 04:05:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

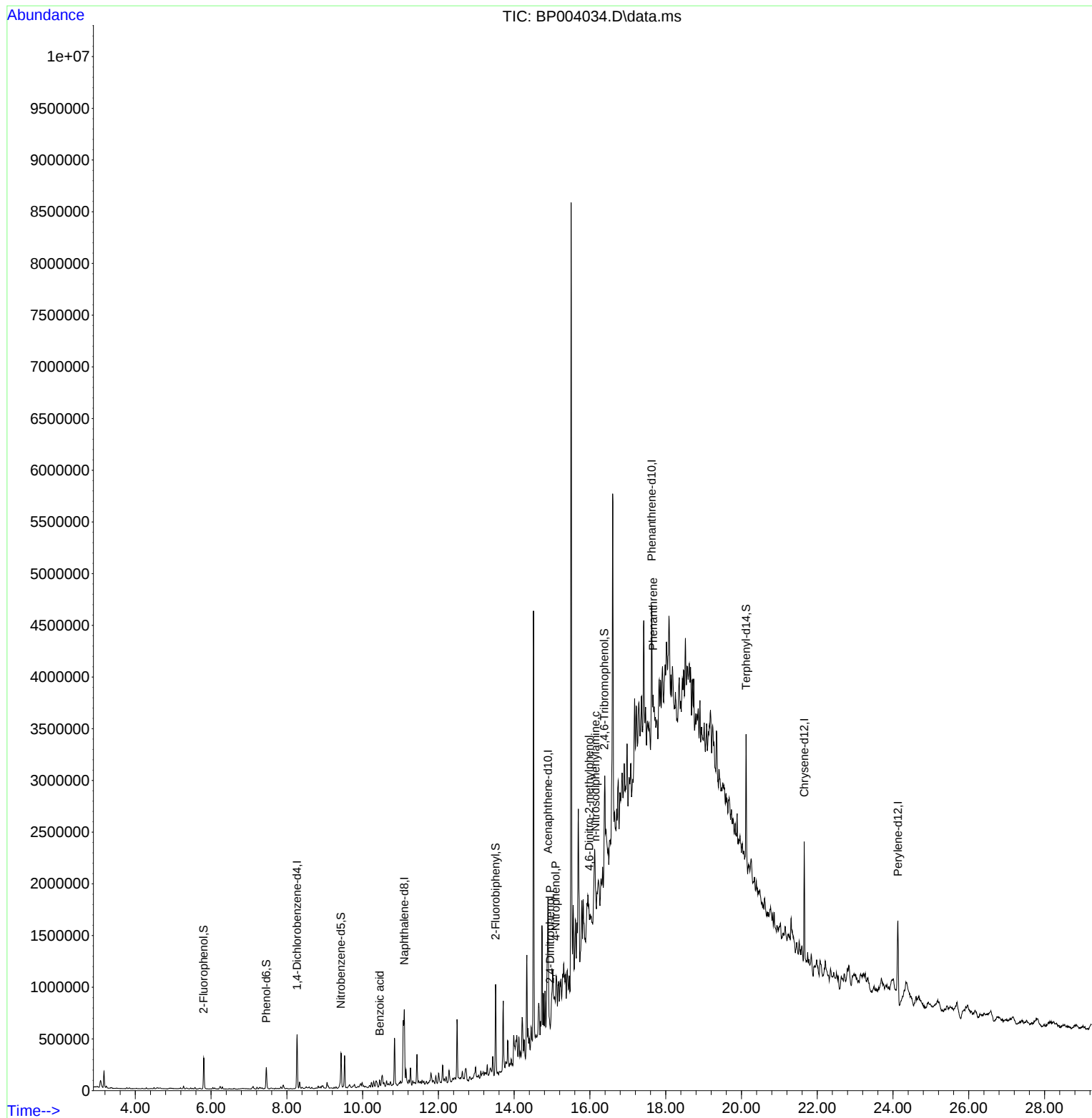
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	136431	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	535585	20.00	ng	#-0.03
39) Acenaphthene-d10	14.893	164	316654	20.00	ng	-0.02
64) Phenanthrene-d10	17.628	188	584997	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	580577	20.00	ng	0.00
86) Perylene-d12	24.127	264	610692	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	127970	15.65	ng	0.00
7) Phenol-d6	7.458	99	117313	10.00	ng	0.00
23) Nitrobenzene-d5	9.428	82	185980	17.01	ng	-0.03
42) 2,4,6-Tribromophenol	16.381	330	86564	21.86	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	412592	18.22	ng	-0.02
79) Terphenyl-d14	20.122	244	513011	17.07	ng	0.00
Target Compounds						
9) Benzaldehyde	7.358	77	500	Below Cal	#	1
32) Benzoic acid	10.452	122	964	8.47	ng	# 1
54) 2,4-Dinitrophenol	14.951	184	217	2.85	ng	# 1
56) 4-Nitrophenol	15.098	139	8331	2.06	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.981	198	2867	7.13	ng	# 1
66) n-Nitrosodiphenylamine	16.145	169	63504	3.55	ng	# 42
71) Phenanthrene	17.669	178	161638	4.92	ng	# 81

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

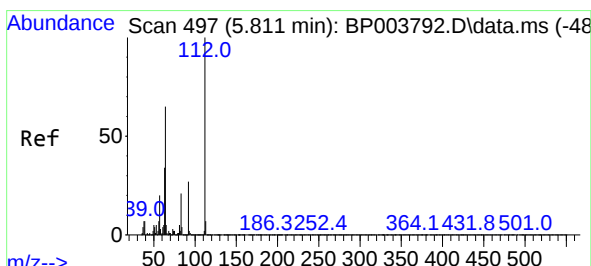
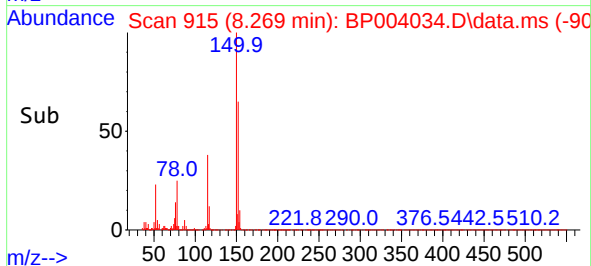
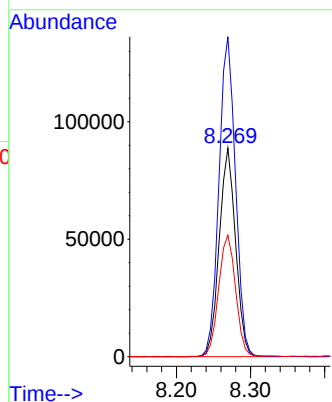
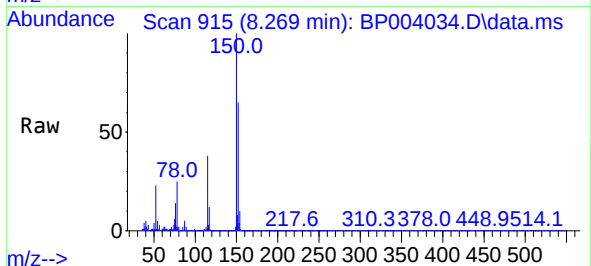




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

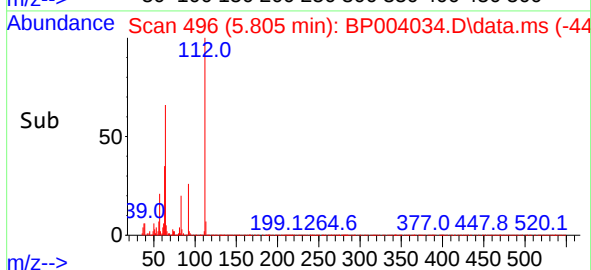
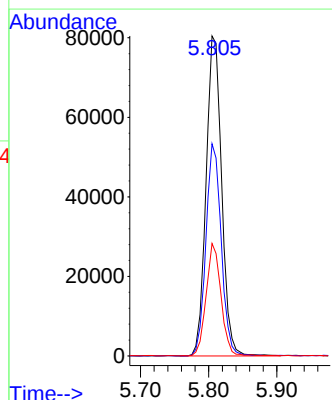
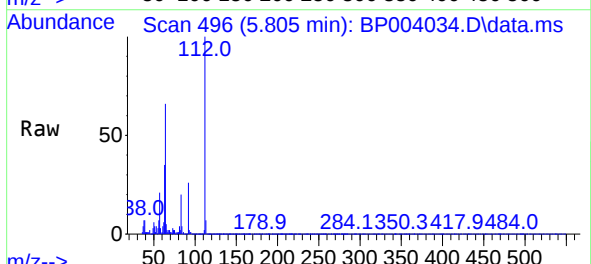
Instrument :
BNA_P
ClientSampled :
1643

Tgt Ion:152 Resp: 136431
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 58.2 43.8 65.6



#5
2-Fluorophenol
Concen: 15.65 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:112 Resp: 127970
Ion Ratio Lower Upper
112 100
64 66.3 32.8 49.2#
63 35.2 17.0 25.4#

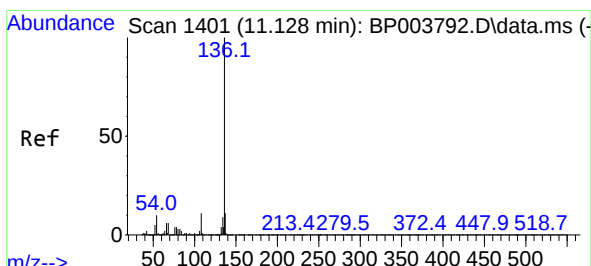
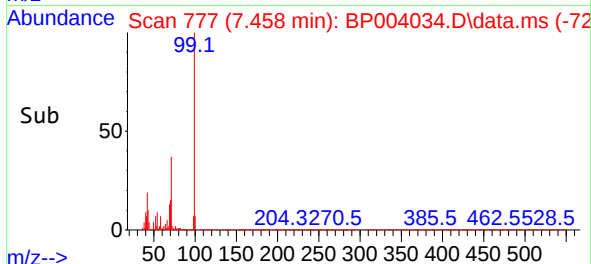
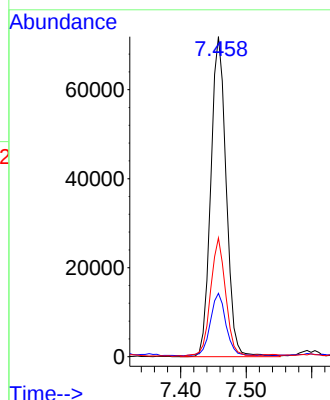
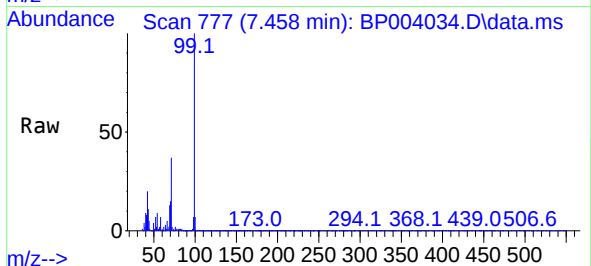




#7
Phenol-d6
Concen: 10.00 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

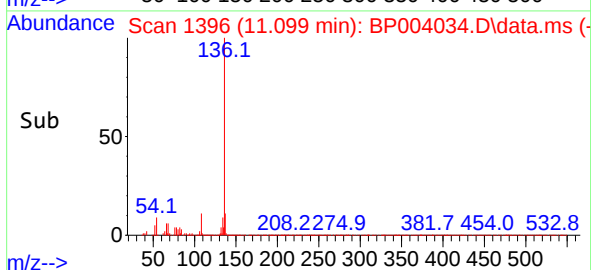
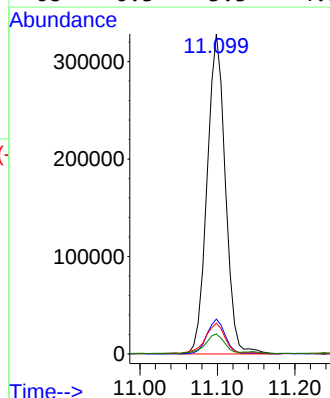
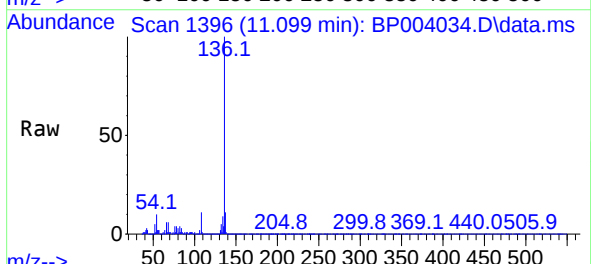
Instrument :
BNA_P
ClientSampleId :
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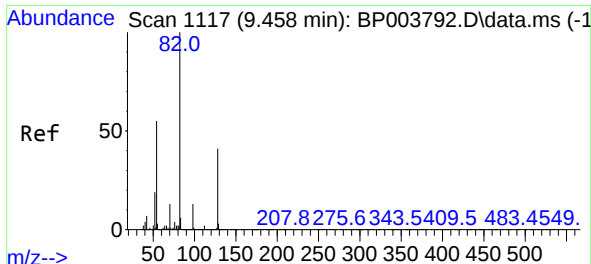
Tgt Ion: 99 Resp: 117313
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 37.1 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.029 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion: 136 Resp: 535585
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 3.6 5.4#
68 6.3 3.3 4.9#

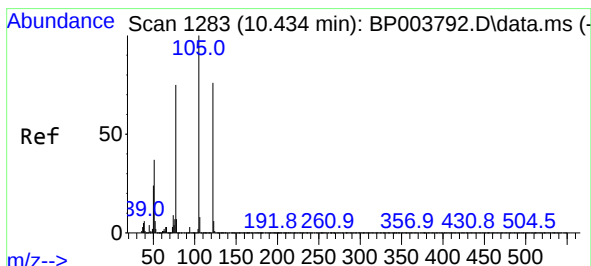
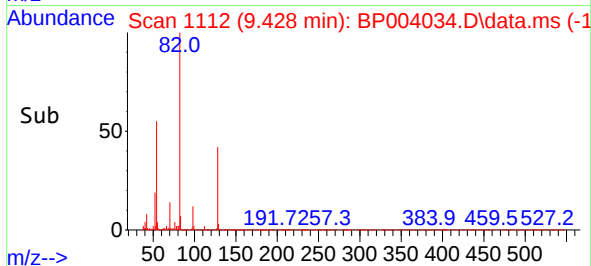
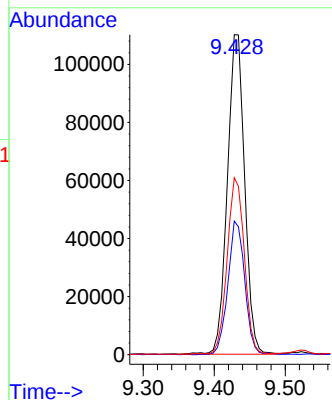
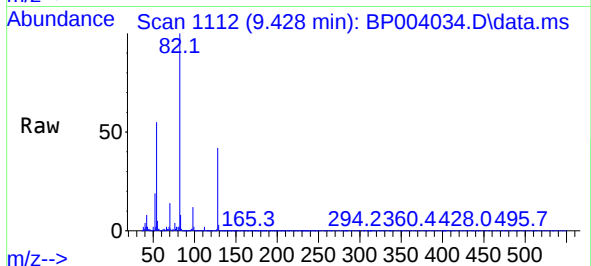




#23
Nitrobenzene-d5
Concen: 17.01 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

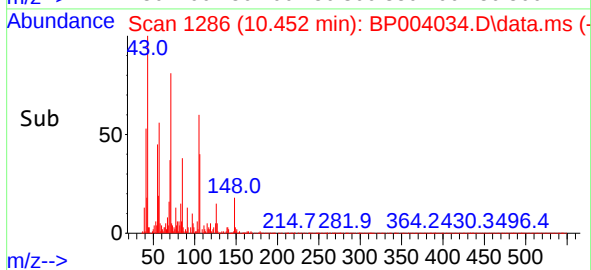
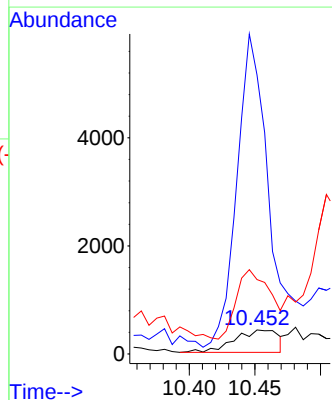
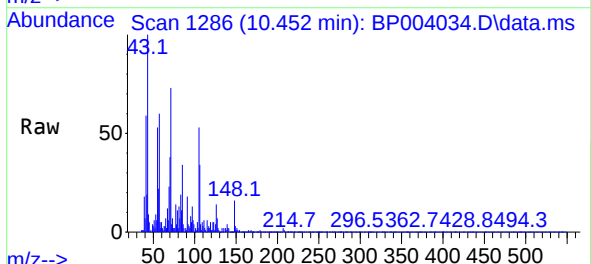
Instrument :
BNA_P
ClientSampled :
1643

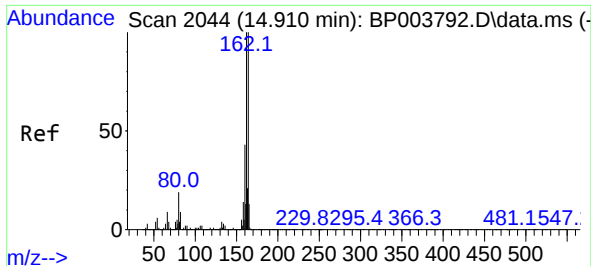
Tgt Ion: 82 Resp: 185980
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 55.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.47 ng
RT: 10.452 min Scan# 1286
Delta R.T. 0.018 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion: 122 Resp: 964
Ion Ratio Lower Upper
122 100
105 1163.1 94.1 134.1#
77 309.9 50.1 90.1#

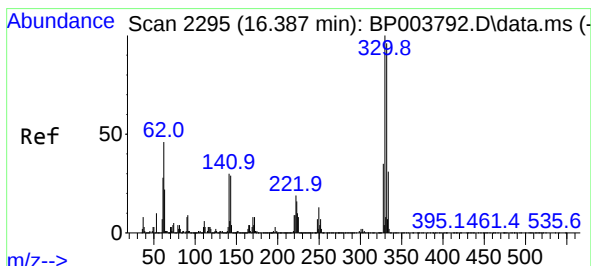
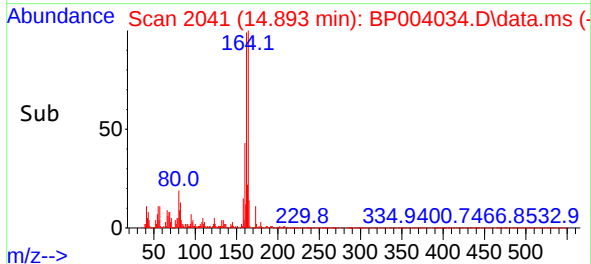
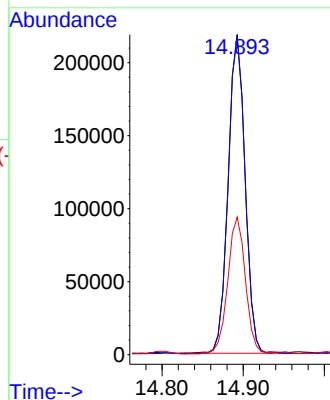
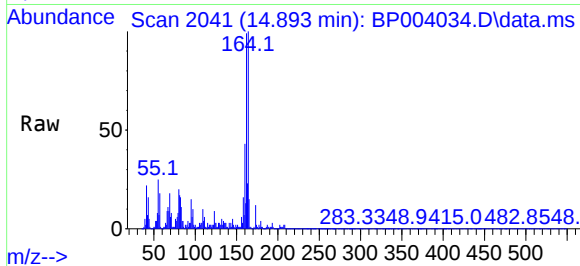




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.893 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

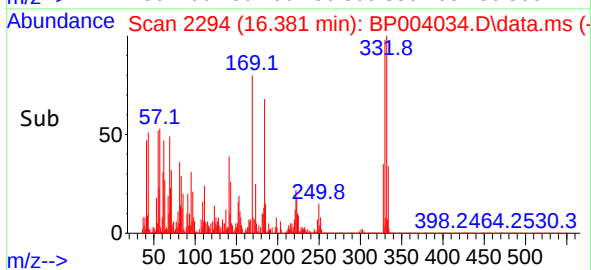
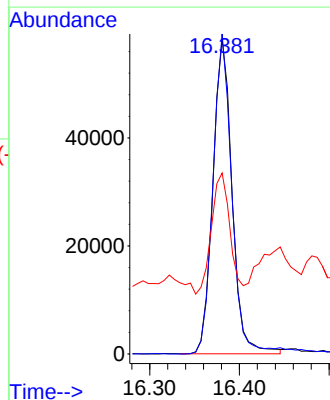
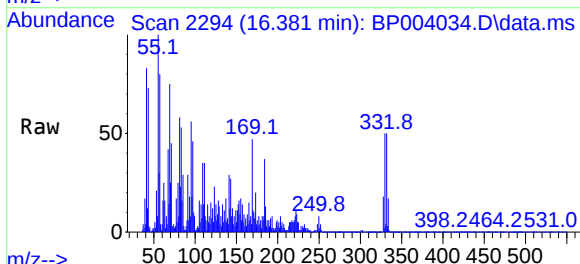
Instrument :
BNA_P
ClientSampled :
1643

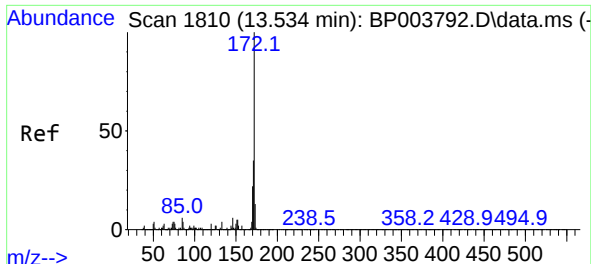
Tgt Ion:164 Resp: 316654
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 21.86 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:330 Resp: 86564
Ion Ratio Lower Upper
330 100
332 102.4 77.1 115.7
141 36.7 23.4 35.2#

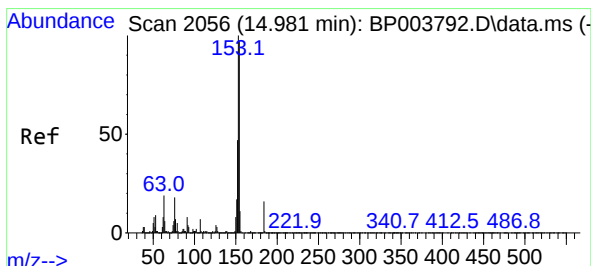
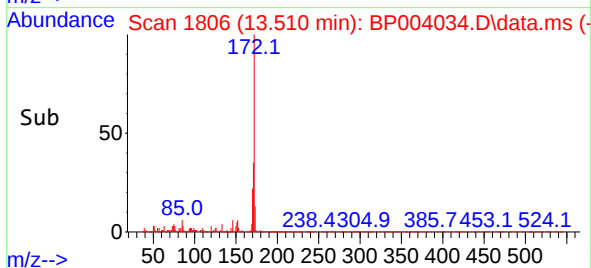
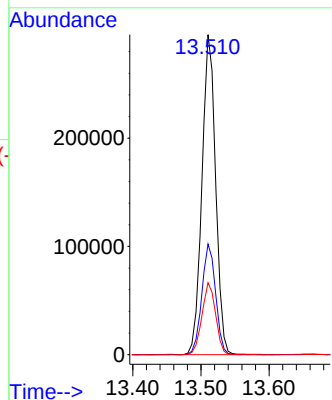
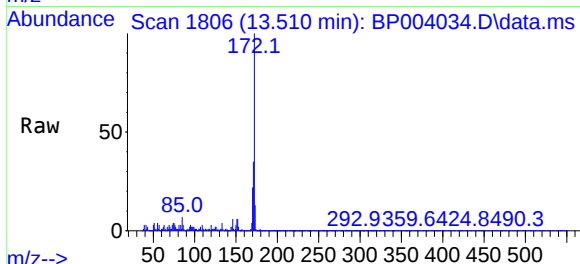




#45
2-Fluorobiphenyl
Concen: 18.22 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

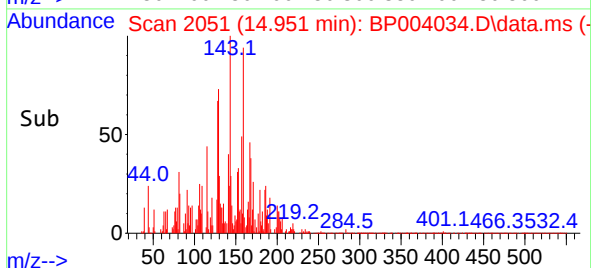
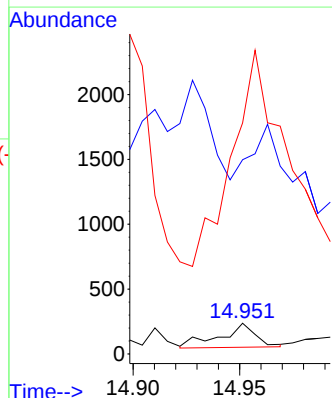
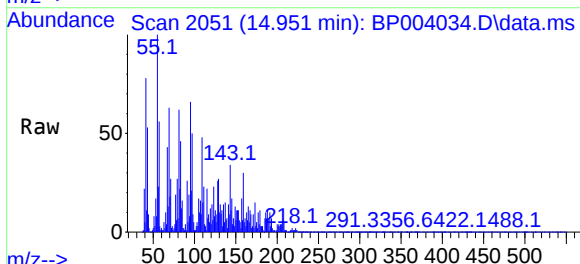
Instrument :
BNA_P
ClientSampleId :
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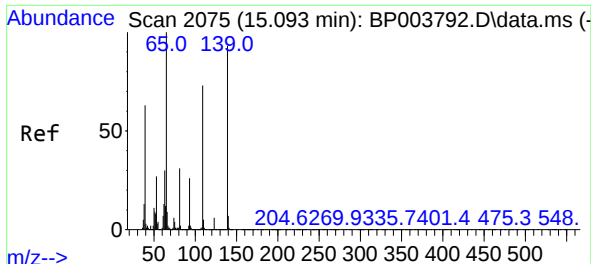
Tgt Ion:	172	Resp:	412592
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.5	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.85 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.029 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:	184	Resp:	217
Ion	Ratio	Lower	Upper
184	100		
63	632.1	32.3	48.5#
154	751.5	49.1	73.7#

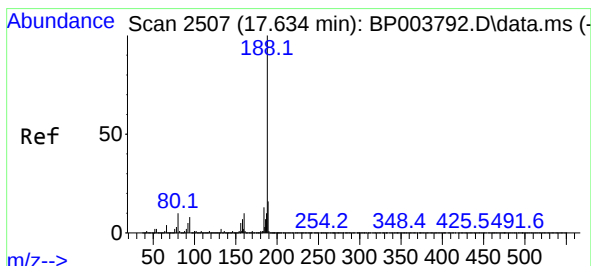
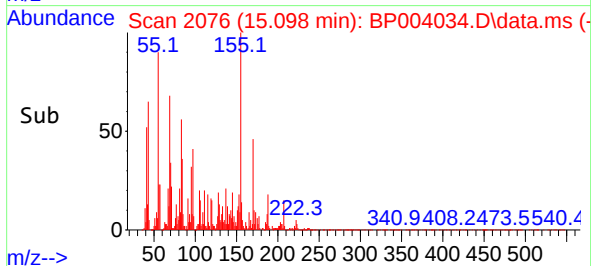
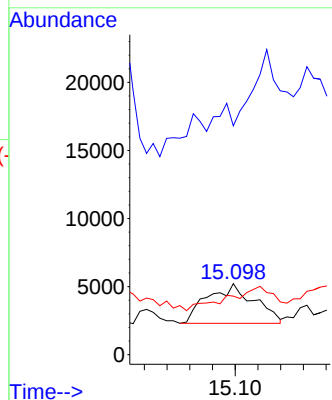
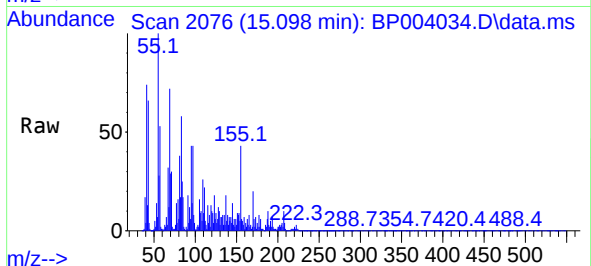




#56
4-Nitrophenol
Concen: 2.06 ng
RT: 15.098 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

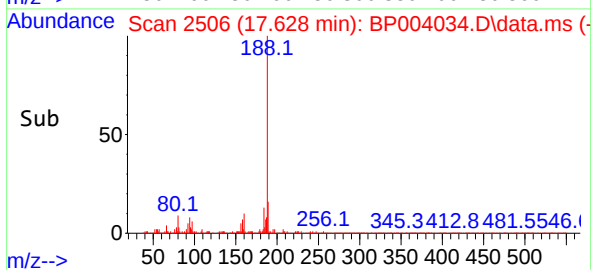
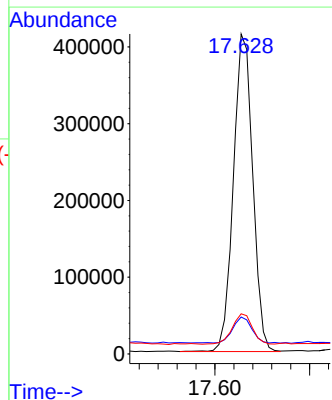
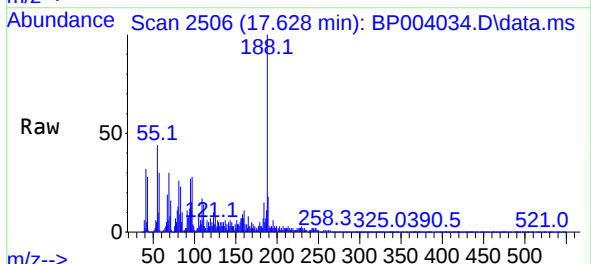
Instrument :
BNA_P
ClientSampled :
1643

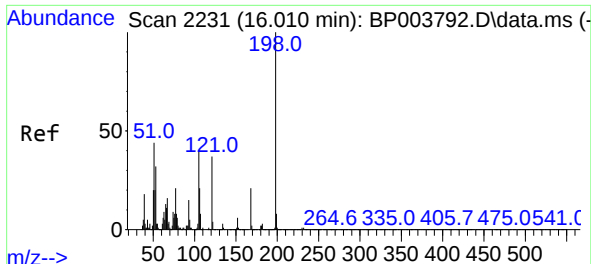
Tgt Ion:139 Resp: 8331
Ion Ratio Lower Upper
139 100
109 322.1 44.6 84.6#
65 82.4 41.6 81.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:188 Resp: 584997
Ion Ratio Lower Upper
188 100
94 11.6 6.2 9.2#
80 12.6 6.2 9.2#

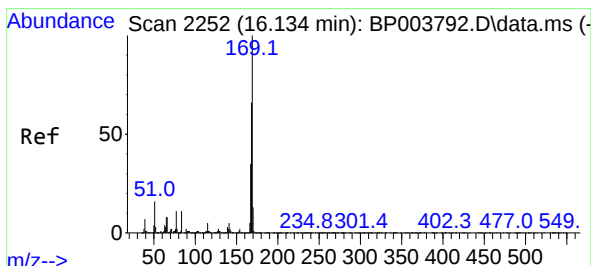
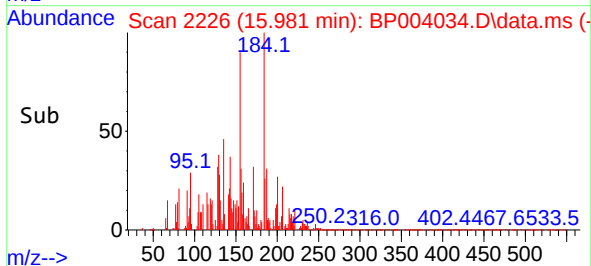
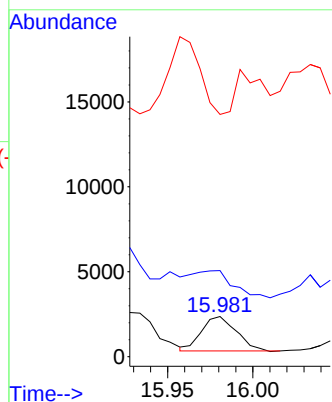
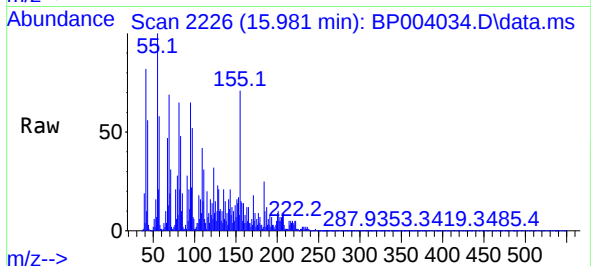




#65
4,6-Dinitro-2-methylphenol
Concen: 7.13 ng
RT: 15.981 min Scan# 2226
Delta R.T. -0.029 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

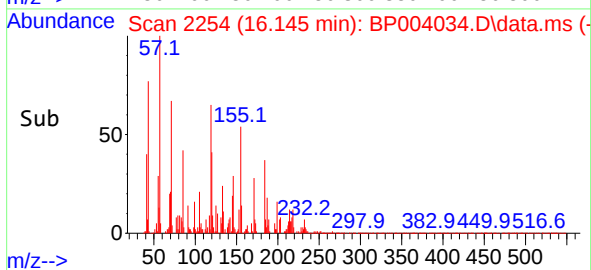
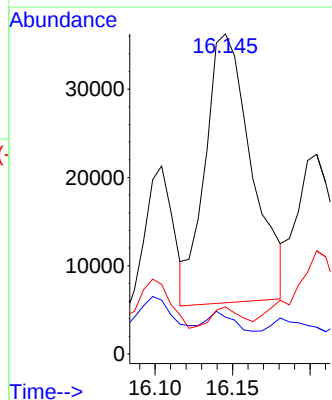
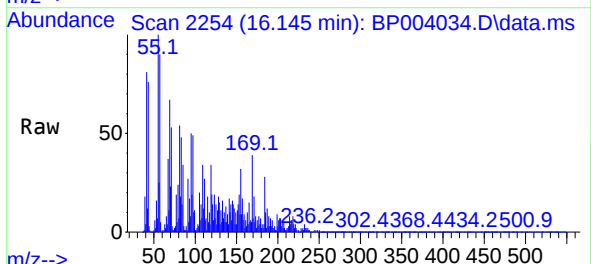
Instrument :
BNA_P
ClientSampleId :
1643

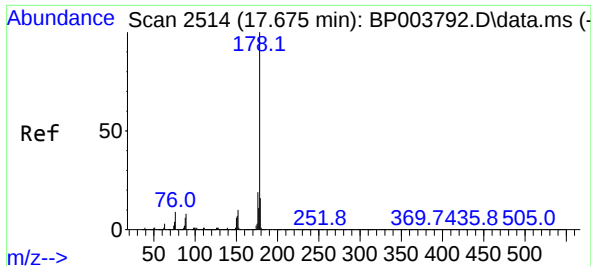
Tgt Ion:198 Resp: 2867
Ion Ratio Lower Upper
198 100
51 213.9 6.4 46.4#
105 602.2 18.9 58.9#



#66
n-Nitrosodiphenylamine
Concen: 3.55 ng
RT: 16.145 min Scan# 2254
Delta R.T. 0.012 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:169 Resp: 63504
Ion Ratio Lower Upper
169 100
168 11.5 53.8 80.6#
167 14.7 28.9 43.3#

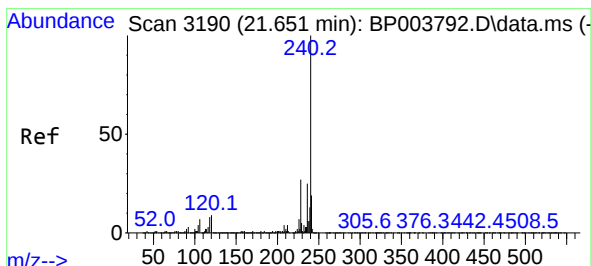
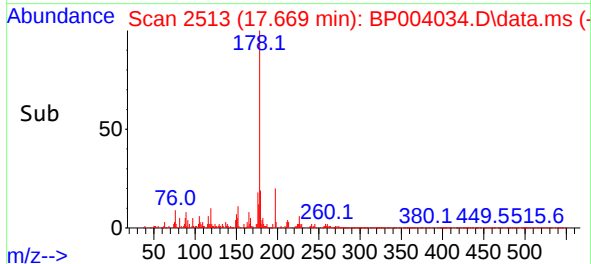
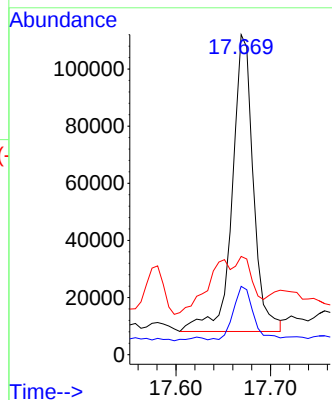
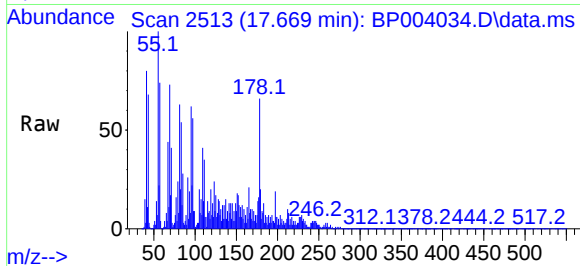




#71
Phenanthrene
Concen: 4.92 ng
RT: 17.669 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

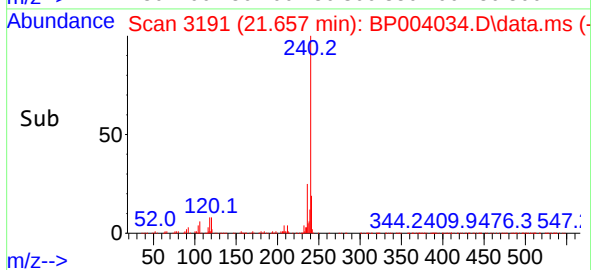
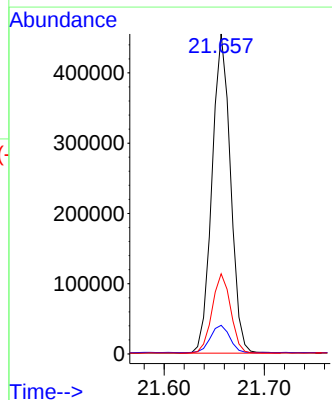
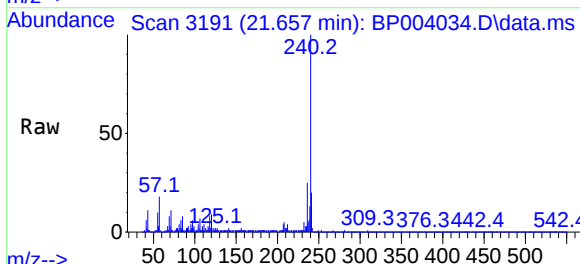
Instrument :
BNA_P
ClientSampled :
1643

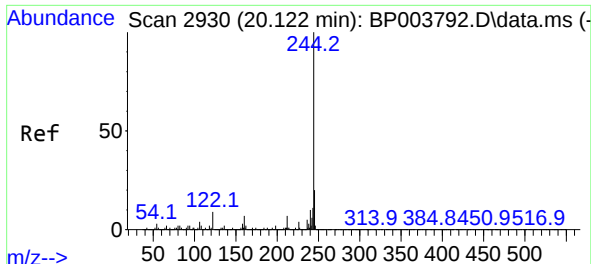
Tgt Ion:178 Resp: 161638
Ion Ratio Lower Upper
178 100
176 21.3 15.3 22.9
179 30.7 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:240 Resp: 580577
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.1 20.8 31.2

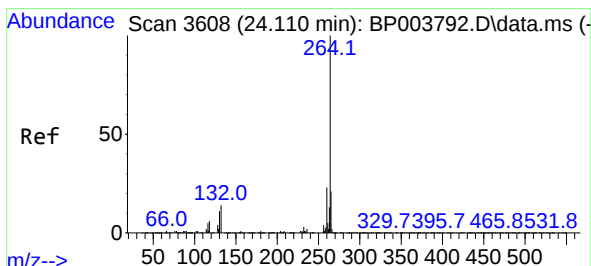
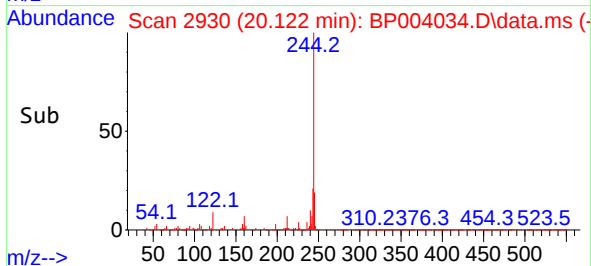
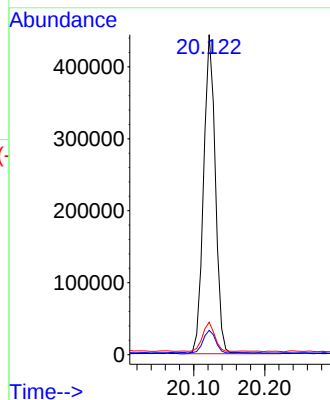
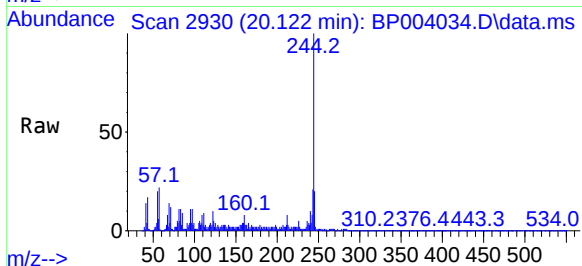




#79
Terphenyl-d14
Concen: 17.07 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Instrument :
BNA_P
ClientSampled :
1643

Tgt Ion:	244	Resp:	513011
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	10.2	7.8	11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

Tgt Ion:	264	Resp:	610692
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.8	28.2
265	21.6	17.4	26.2

