

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)

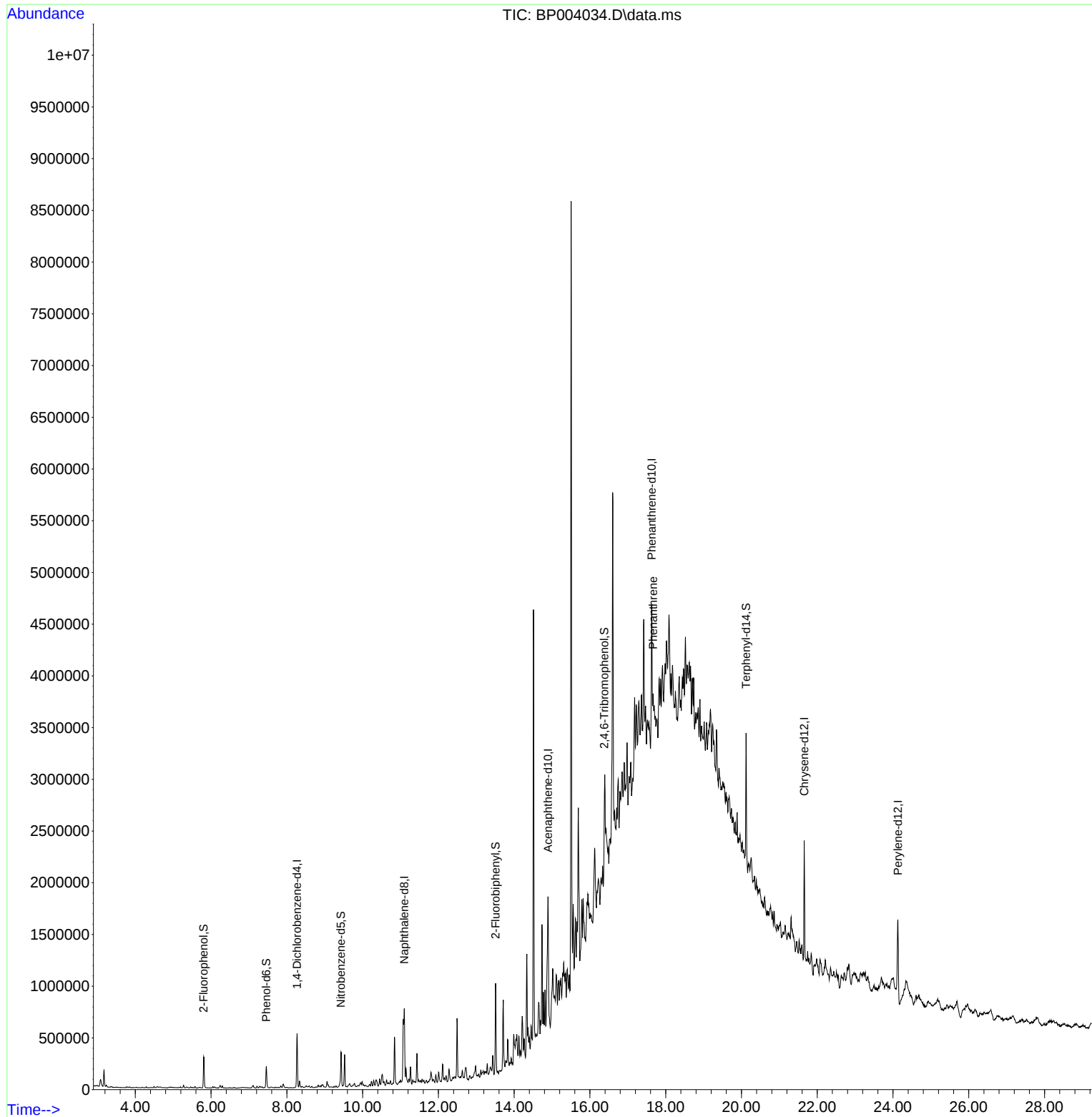
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	136431	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	535585	20.00	ng	#-0.03
39) Acenaphthene-d10	14.893	164	316654	20.00	ng	-0.02
64) Phenanthrene-d10	17.628	188	584997	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	580577	20.00	ng	0.00
86) Perylene-d12	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						
71) Phenanthrene	17.669	178	161638	4.92	ng	# 81

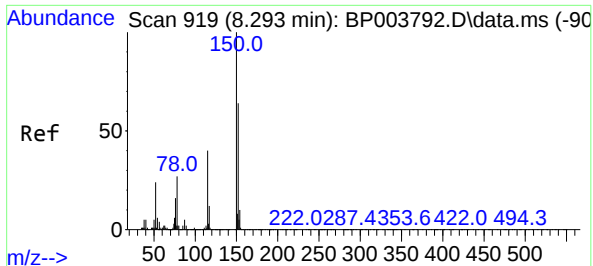
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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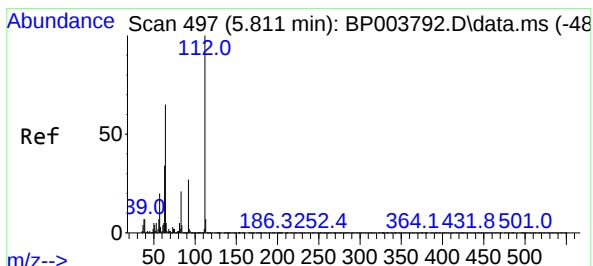
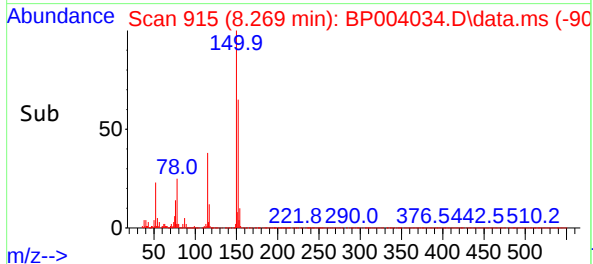
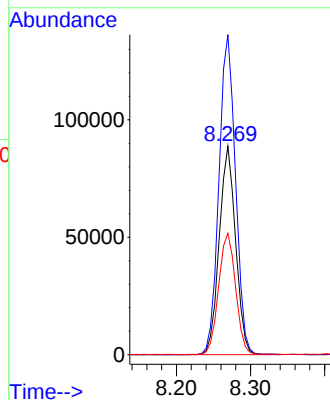
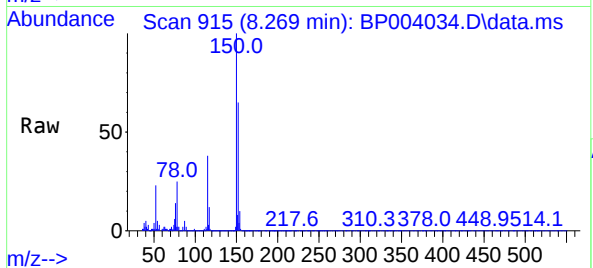




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

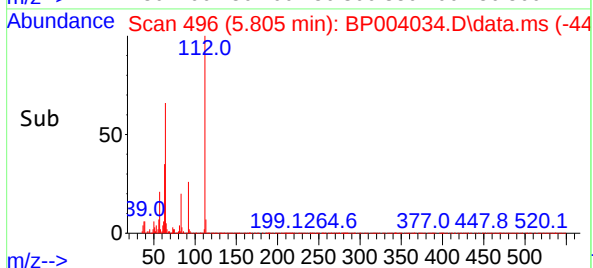
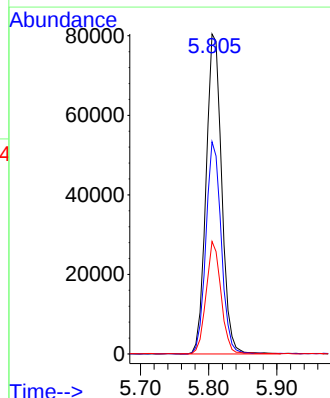
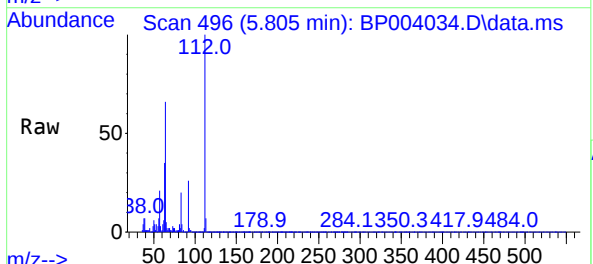
Instrument :
BNA_P
ClientSampled :
1643

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#

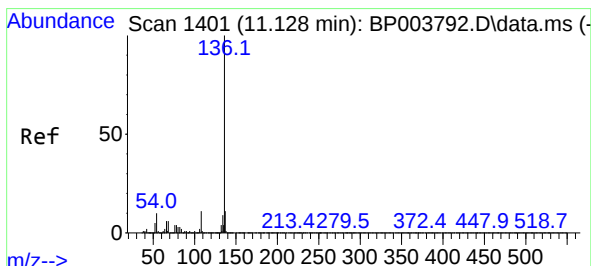
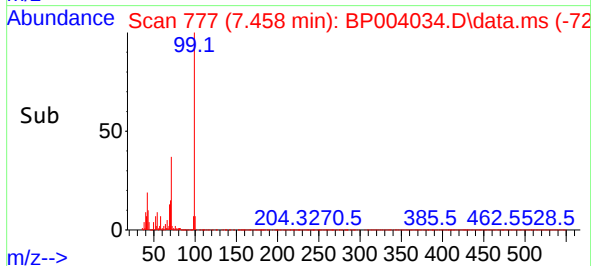
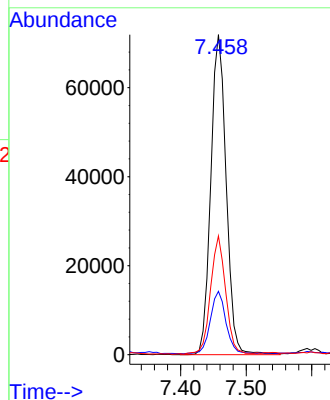
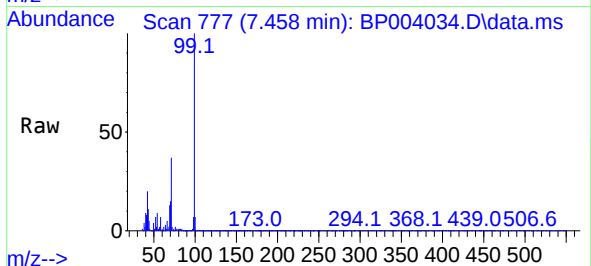




#7
Phenol-d6
Concen: 10.00 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

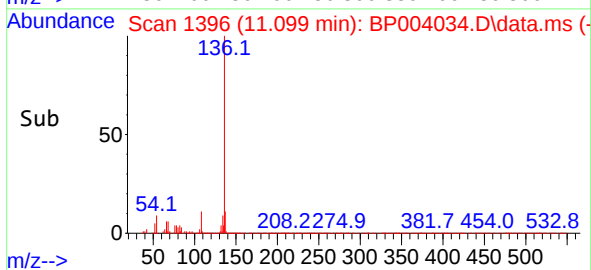
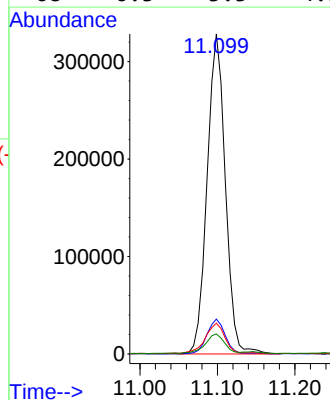
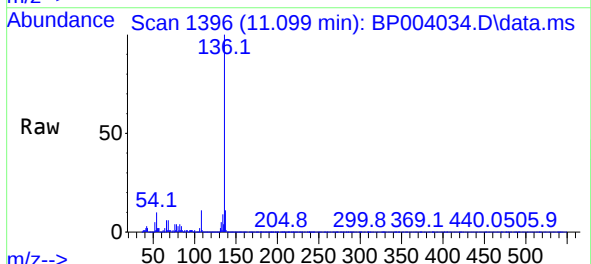
Instrument :
BNA_P
ClientSampleId :
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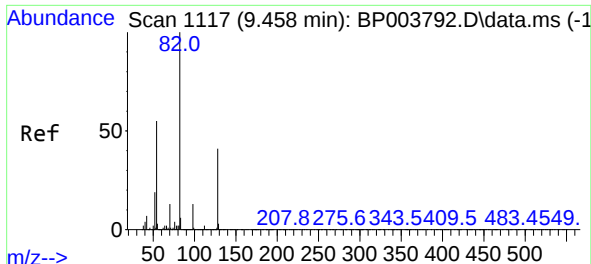
Tgt Ion: 99 Resp: 117313
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 37.1 23.4 35.2#



#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#

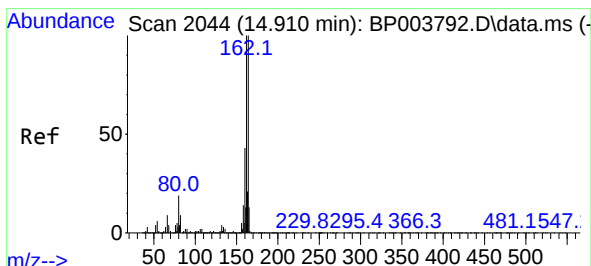
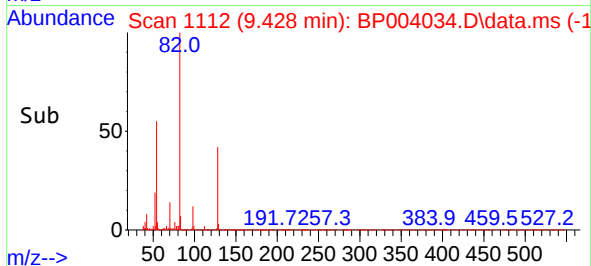
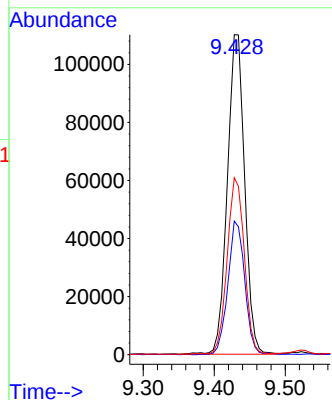
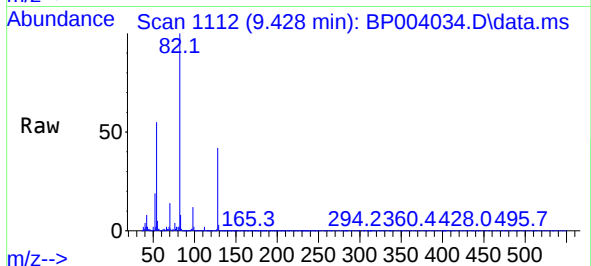




#23
Nitrobenzene-d5
Concen: 17.01 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

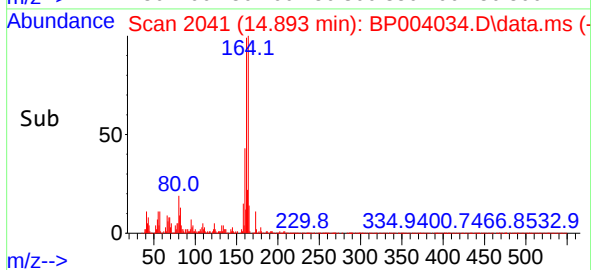
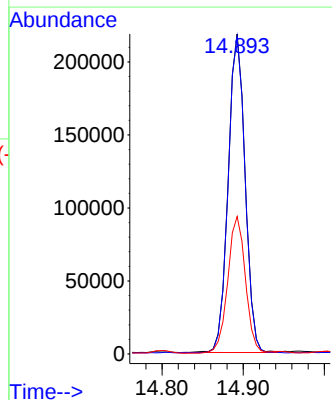
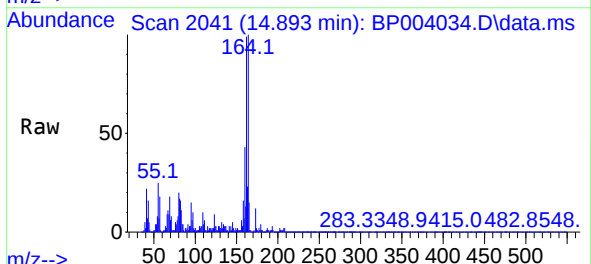
Instrument :
BNA_P
ClientSampled :
1643

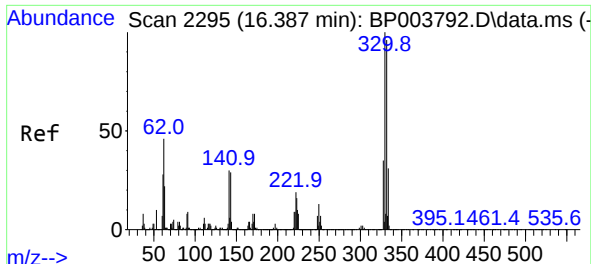
Tgt Ion: 82 Resp: 185980
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 55.3 30.1 45.1#



#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

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

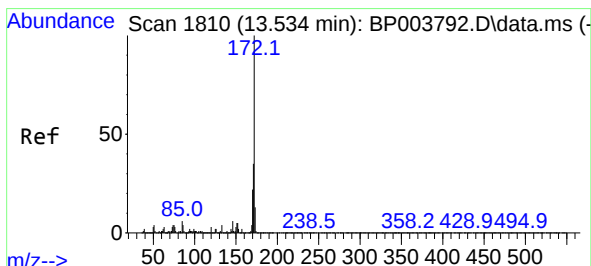
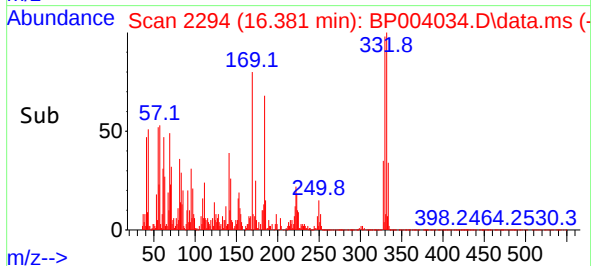
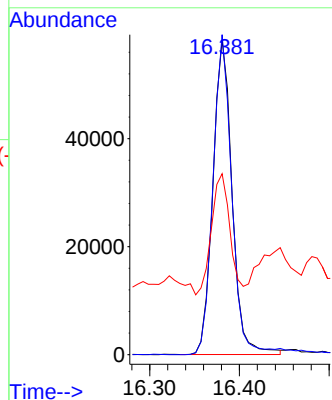
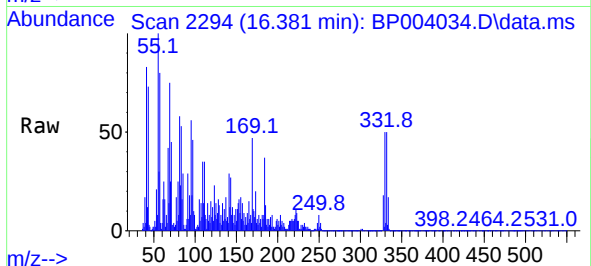




#42
2,4,6-Tribromophenol
Concen: 21.86 ng
RT: 16.381 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

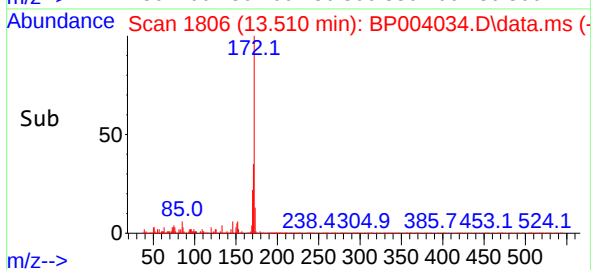
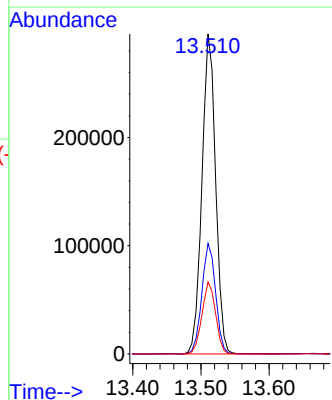
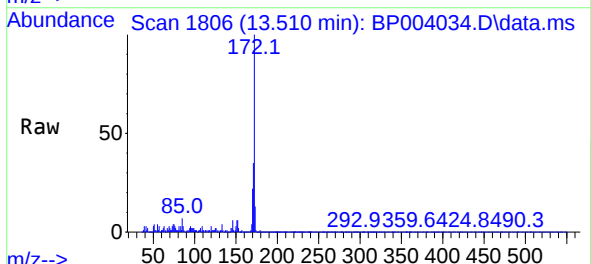
Instrument :
BNA_P
ClientSampled :
1643

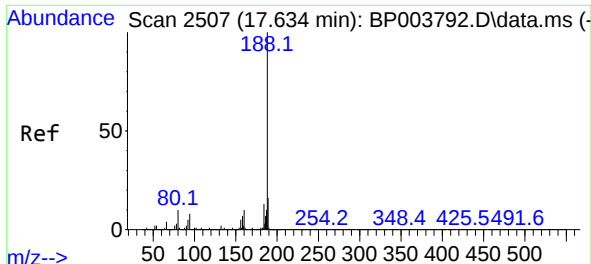
Tgt Ion: 330 Resp: 86564
Ion Ratio Lower Upper
330 100
332 102.4 77.1 115.7
141 36.7 23.4 35.2#



#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

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

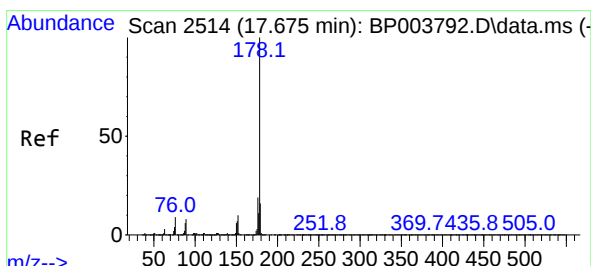
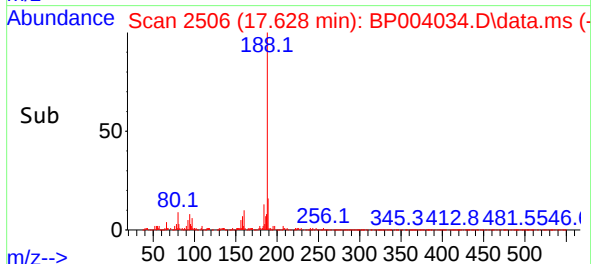
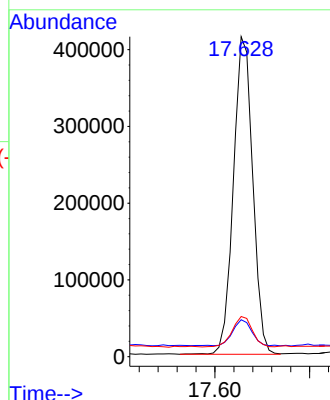
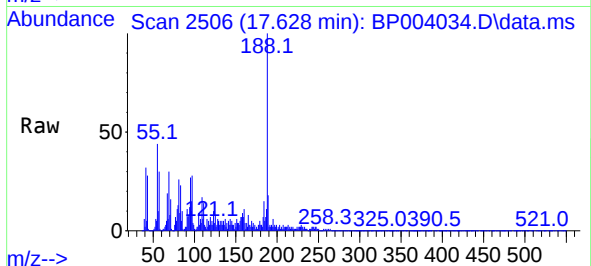




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

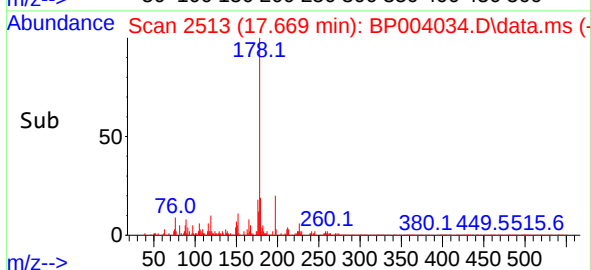
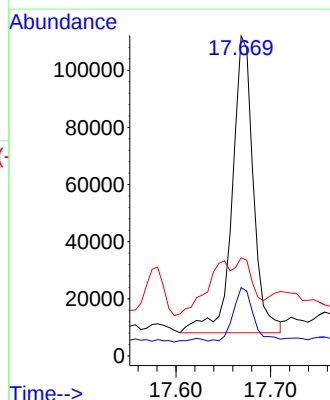
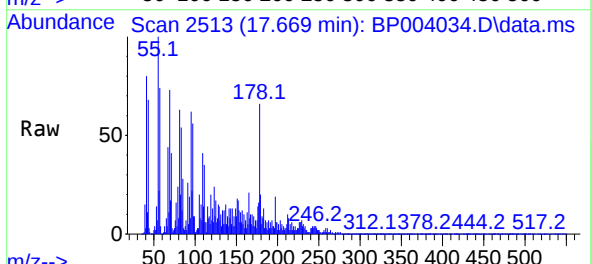
Instrument :
BNA_P
ClientSampled :
1643

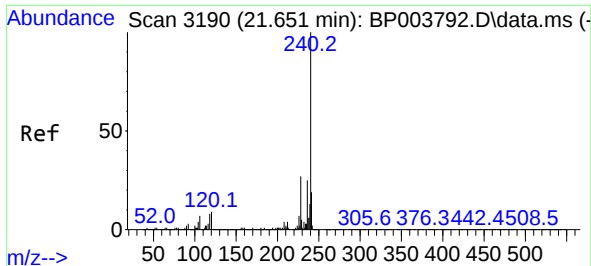
Tgt Ion:188 Resp: 584997
Ion Ratio Lower Upper
188 100
94 11.6 6.2 9.2#
80 12.6 6.2 9.2#



#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

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#

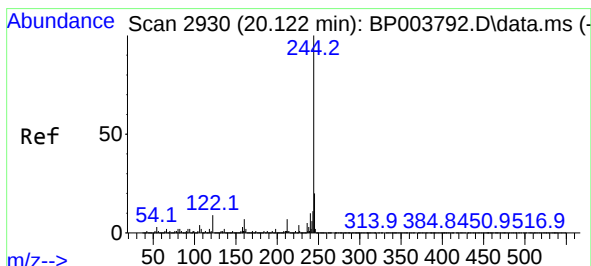
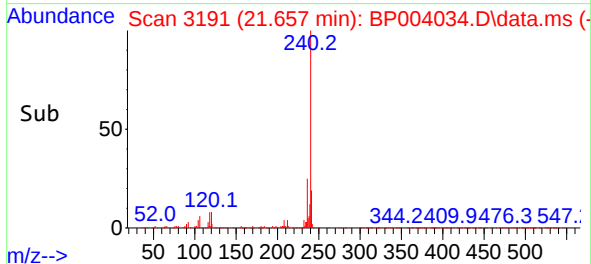
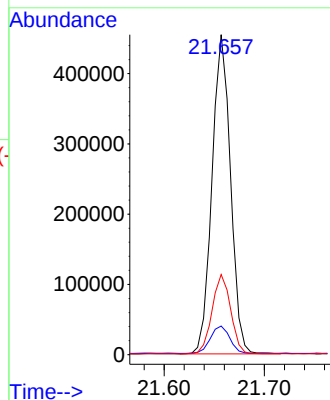
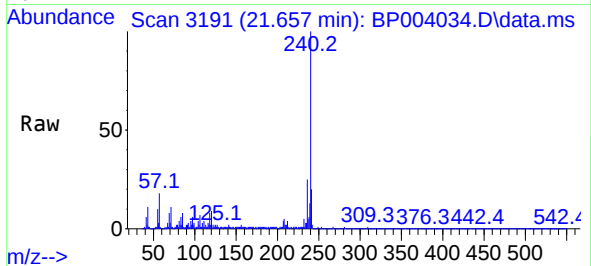




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP004034.D
Acq: 20 Nov 2020 20:51

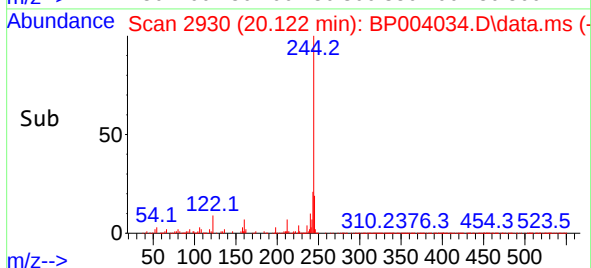
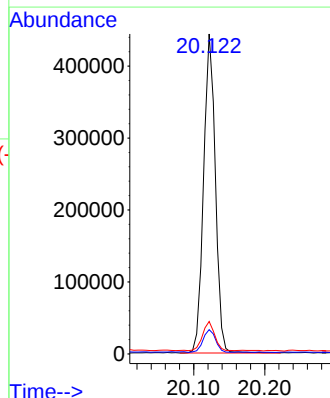
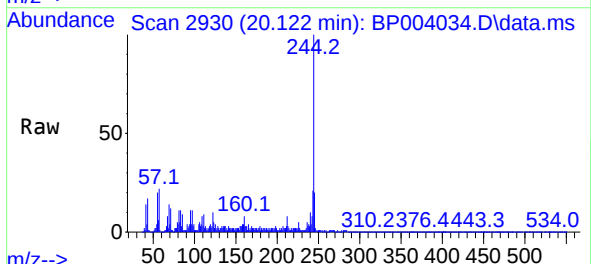
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BNA_P
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1643

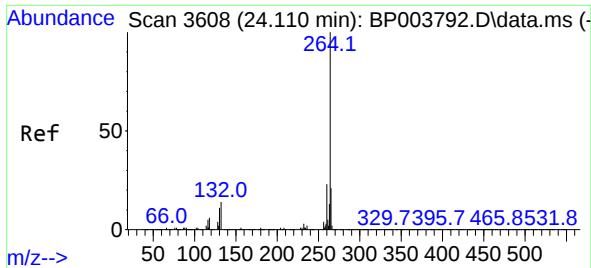
Tgt Ion:240 Resp: 580577
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.1 20.8 31.2



#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

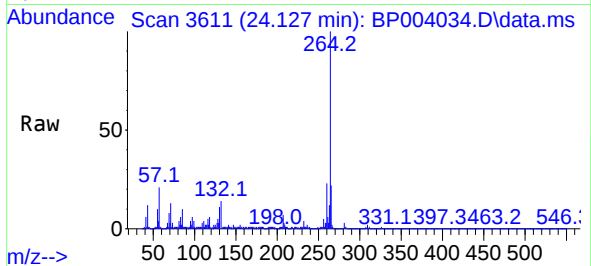
Tgt Ion:244 Resp: 513011
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.2 7.8 11.8





#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

Instrument :
BNA_P
ClientSampleId :
1643



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

