

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
 Data File : BP003742.D
 Acq On : 26 Oct 2020 15:53
 Operator : CG/JU
 Sample : PB132578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132578BL

Quant Time: Oct 26 16:58:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 16:22:21 2020
 Response via : Initial Calibration

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

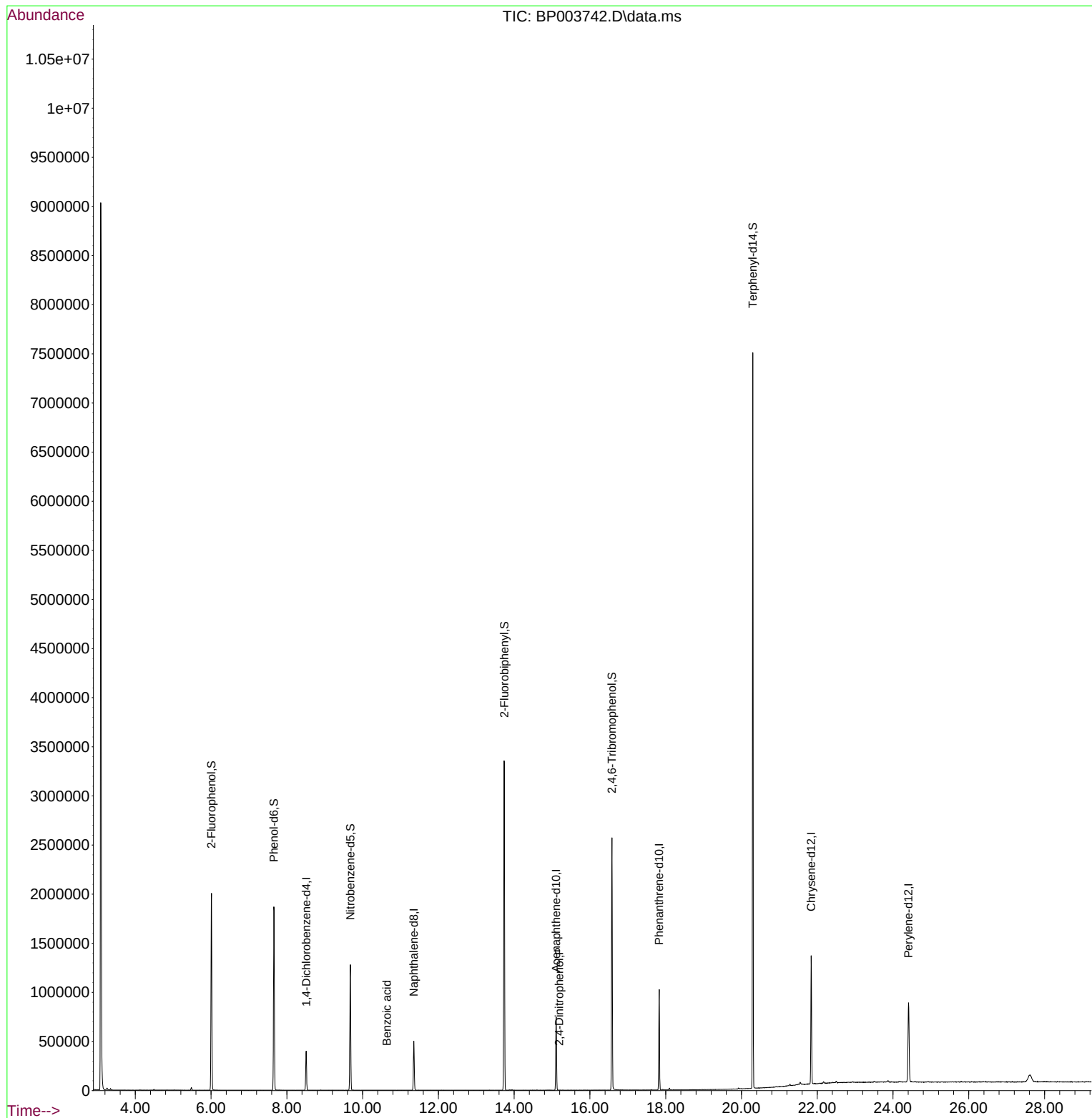
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	107666	20.00	ng	0.00
21) Naphthalene-d8	11.351	136	391260	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	251989	20.00	ng	0.00
64) Phenanthrene-d10	17.828	188	594086	20.00	ng	0.00
76) Chrysene-d12	21.839	240	671288	20.00	ng	# 0.00
86) Perylene-d12	24.410	264	681760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	841861	130.75	ng	0.00
7) Phenol-d6	7.658	99	1088978	119.71	ng	0.00
23) Nitrobenzene-d5	9.675	82	742022	80.23	ng	0.00
42) 2,4,6-Tribromophenol	16.581	330	518501	131.89	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	1735455	89.03	ng	0.00
79) Terphenyl-d14	20.298	244	3151714	82.57	ng	0.00
Target Compounds						
9) Benzaldehyde	7.593	77	179	Below Cal	#	30
32) Benzoic acid	10.640	122	25	5.05 ng	#	1
54) 2,4-Dinitrophenol	15.187	184	14	4.83 ng	#	29

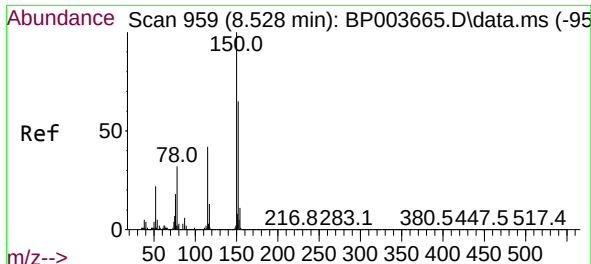
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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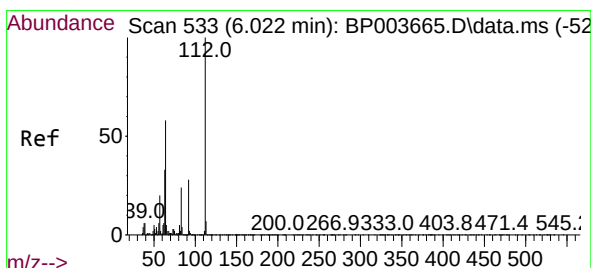
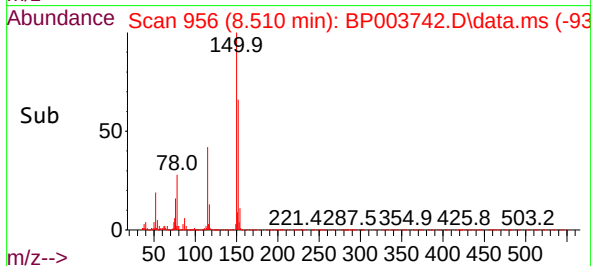
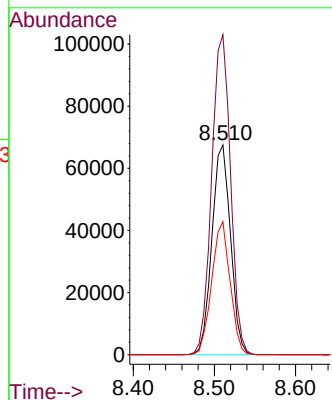
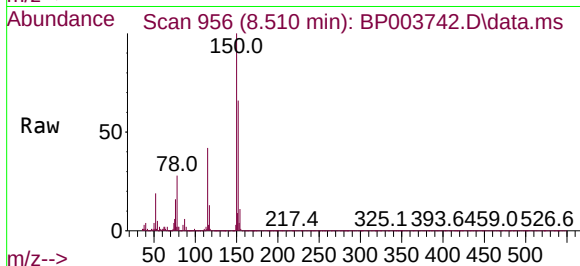




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

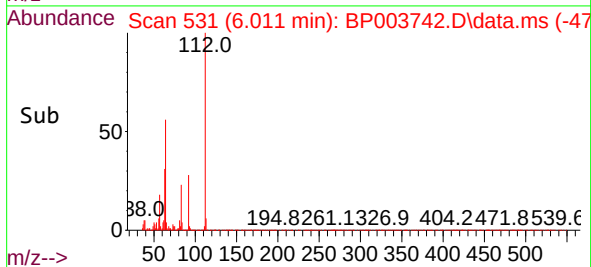
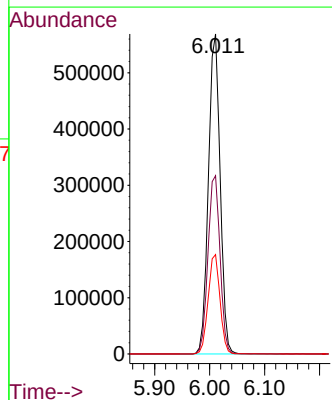
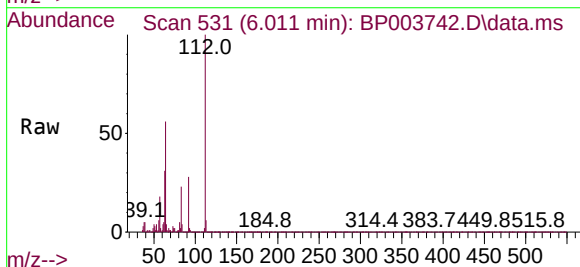
Instrument :
BNA_P
ClientSampleId :
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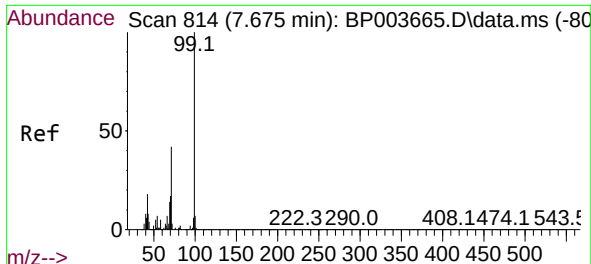
Tgt Ion:152 Resp: 107666
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 63.4 43.8 65.6



#5
2-Fluorophenol
Concen: 130.75 ng
RT: 6.011 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

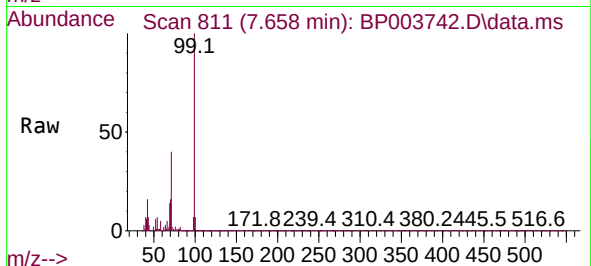
Tgt Ion:112 Resp: 841861
Ion Ratio Lower Upper
112 100
64 55.7 32.8 49.2#
63 31.1 17.0 25.4#



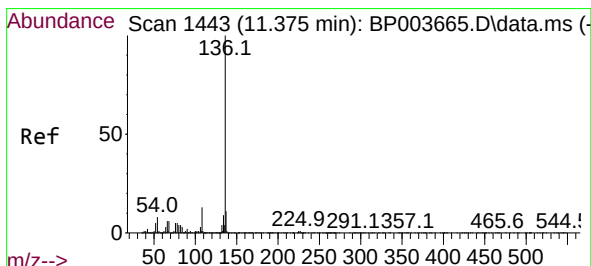
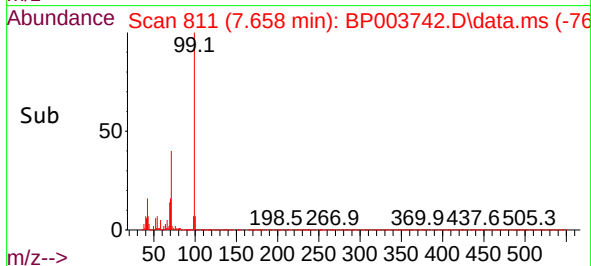
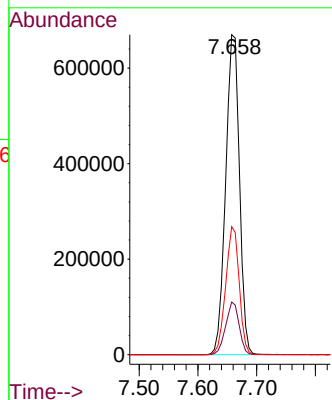


#7
Phenol-d6
Concen: 119.71 ng
RT: 7.658 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Instrument :
BNA_P
ClientSampleId :
PB132578BL

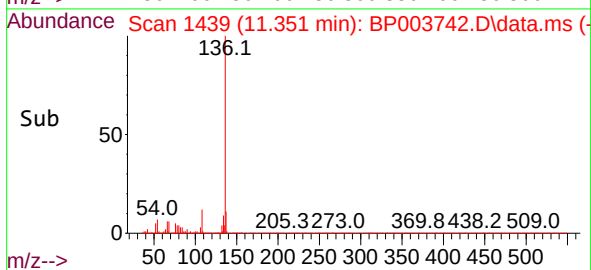
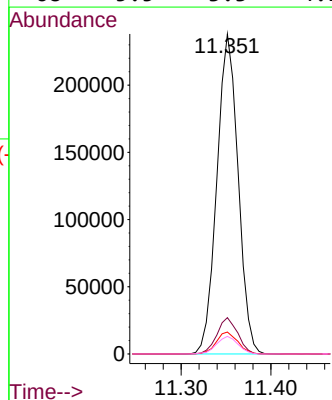
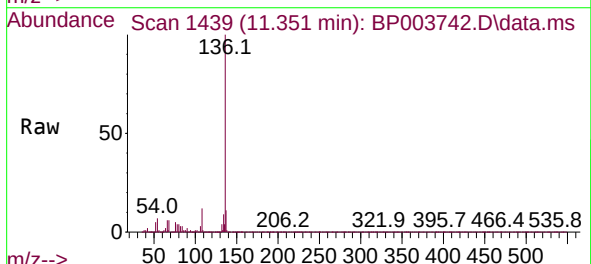


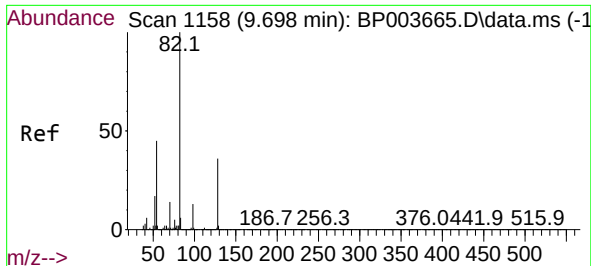
Tgt Ion: 99 Resp: 1088978
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 40.0 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.351 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Tgt Ion: 136 Resp: 391260
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 6.8 3.6 5.4#
68 5.5 3.3 4.9#

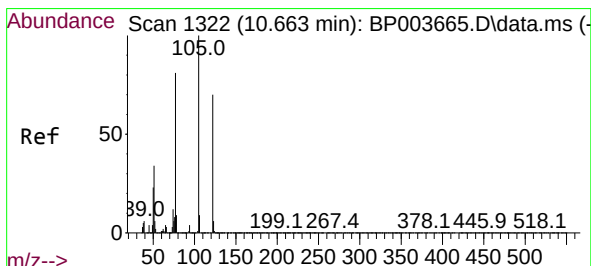
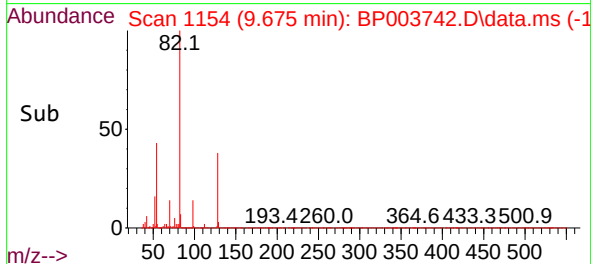
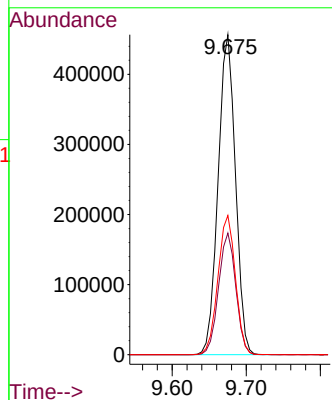
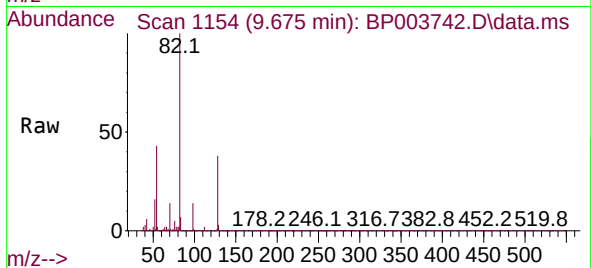




#23
Nitrobenzene-d5
Concen: 80.23 ng
RT: 9.675 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

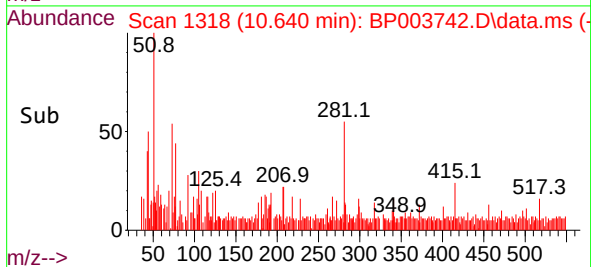
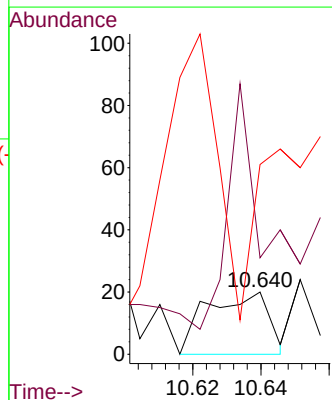
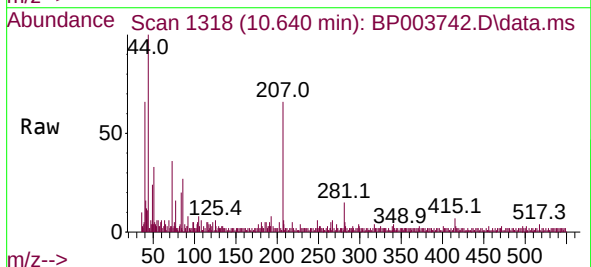
Instrument :
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ClientSampleId :
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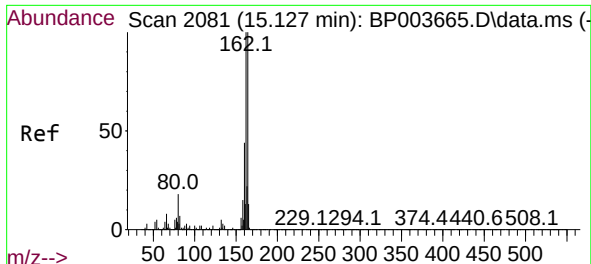
Tgt Ion: 82 Resp: 742022
Ion Ratio Lower Upper
82 100
128 38.0 45.6 68.4#
54 43.5 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.640 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 155.0 94.1 134.1#
77 305.0 50.1 90.1#

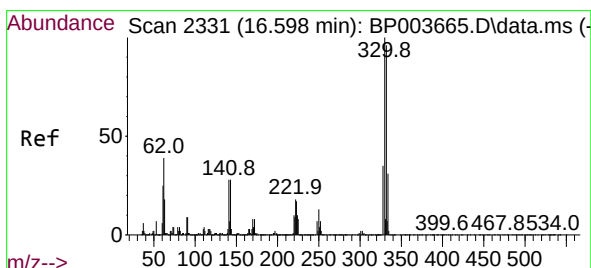
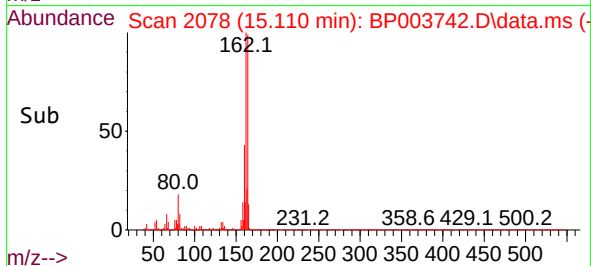
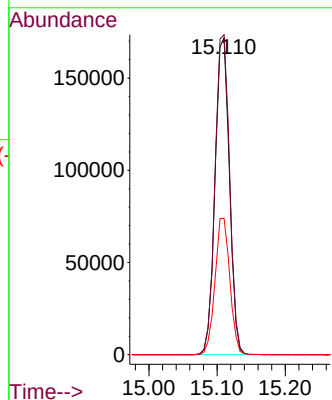
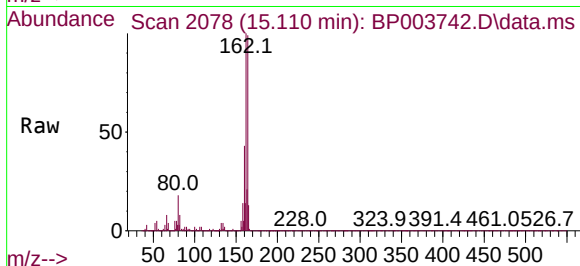




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.110 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

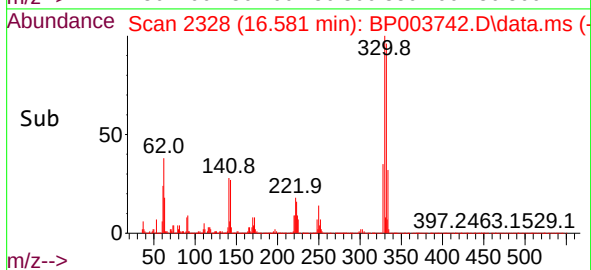
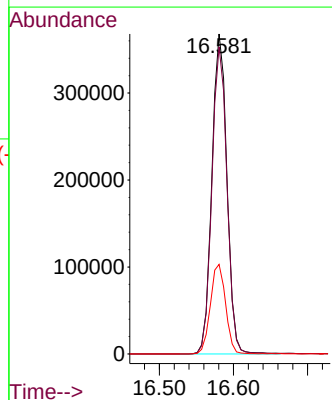
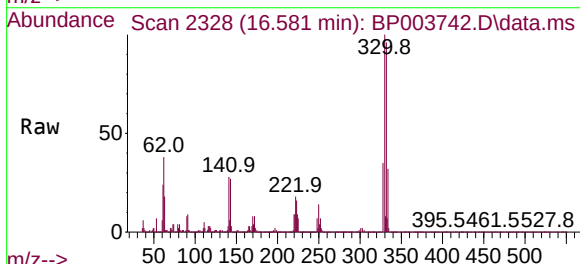
Instrument :
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ClientSampleId :
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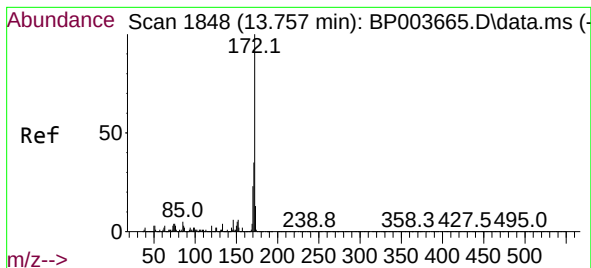
Tgt Ion:164 Resp: 251989
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 43.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 131.89 ng
RT: 16.581 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Tgt Ion:330 Resp: 518501
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 28.4 23.4 35.2

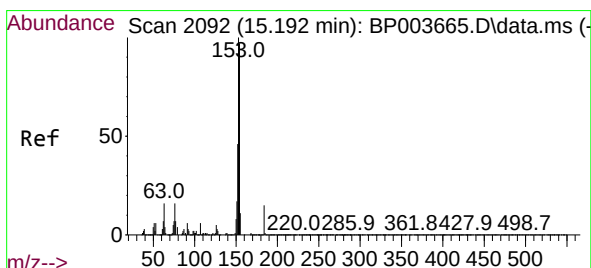
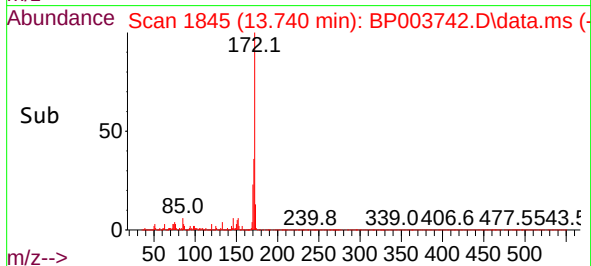
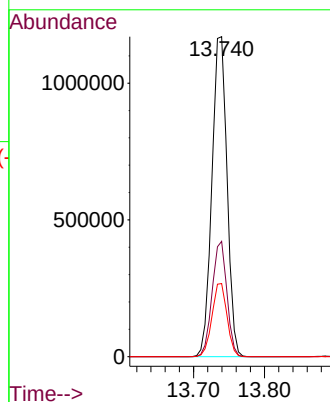
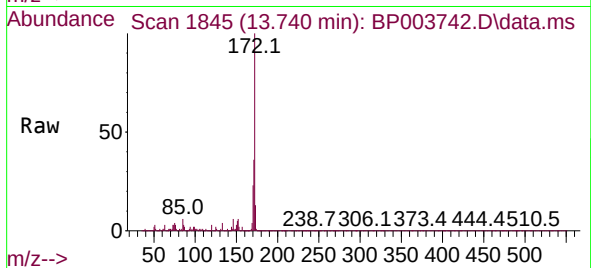




#45
2-Fluorobiphenyl
Concen: 89.03 ng
RT: 13.740 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

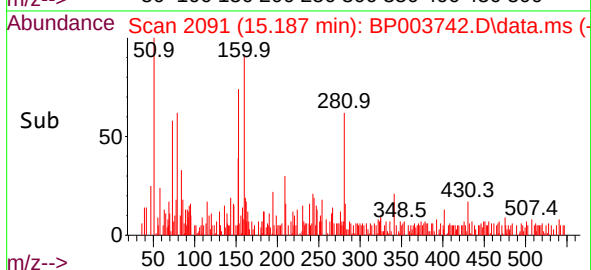
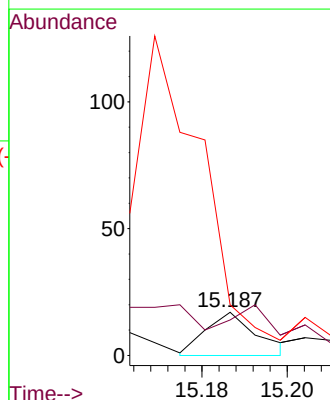
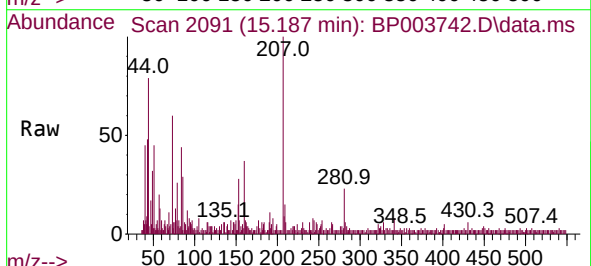
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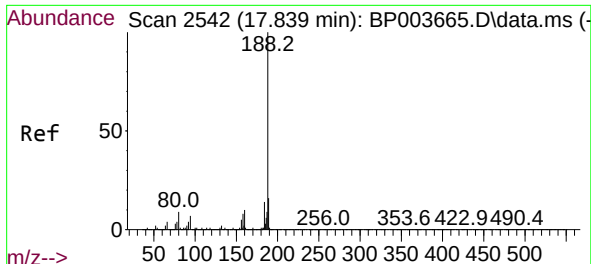
Tgt Ion:172 Resp: 1735455
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 22.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 82.4 32.3 48.5#
154 117.6 49.1 73.7#

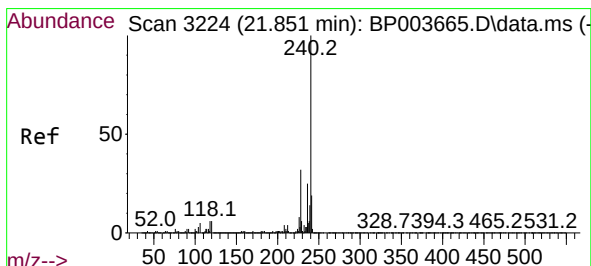
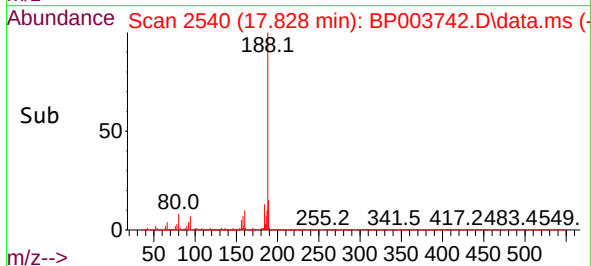
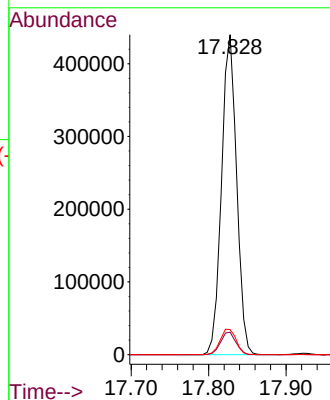
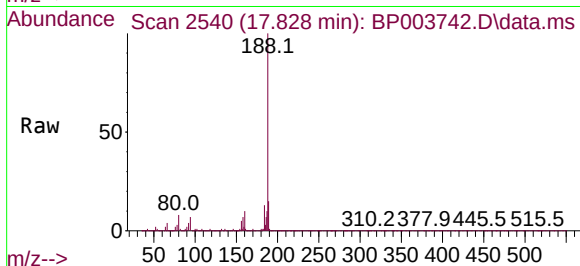




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.828 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

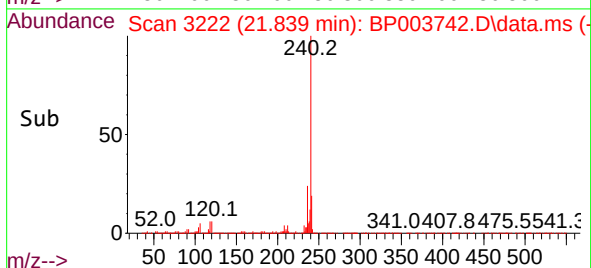
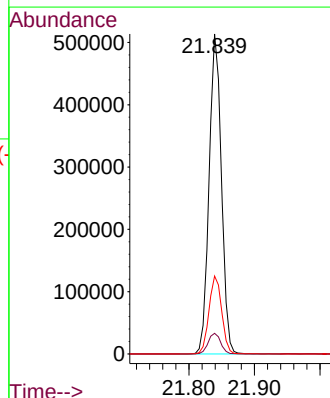
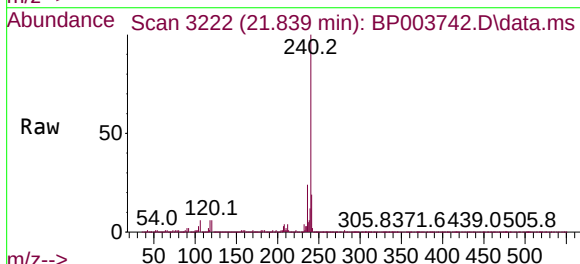
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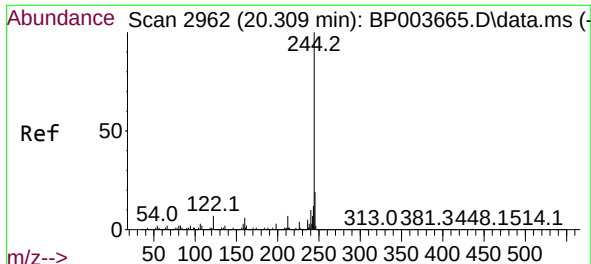
Tgt Ion:188 Resp: 594086
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 7.8 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.839 min Scan# 3222
Delta R.T. -0.006 min
Lab File: BP003742.D
Acq: 26 Oct 2020 15:53

Tgt Ion:240 Resp: 671288
Ion Ratio Lower Upper
240 100
120 6.5 7.8 11.6#
236 24.3 20.8 31.2

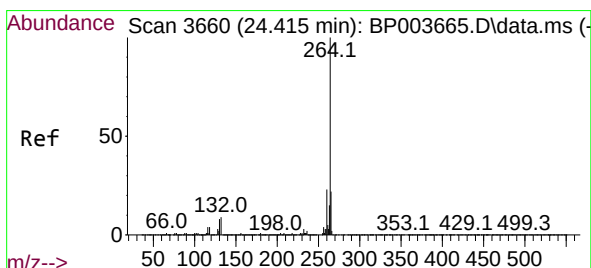
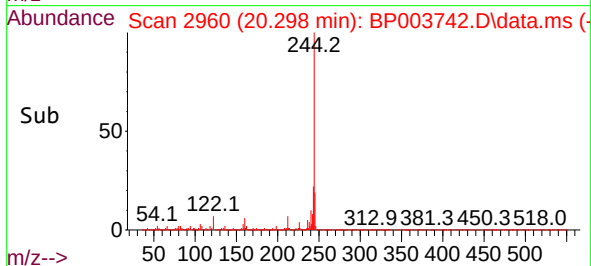
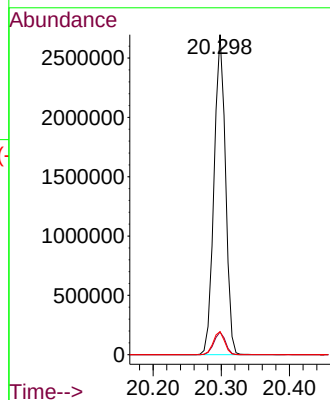
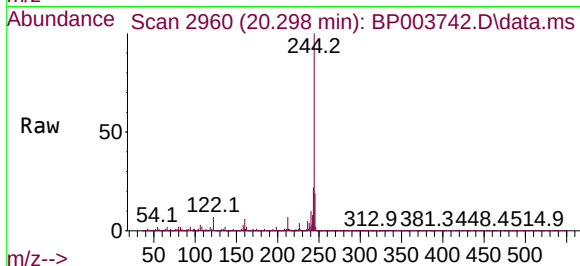




#79
 Terphenyl-d14
 Concen: 82.57 ng
 RT: 20.298 min Scan# 2960
 Delta R.T. 0.000 min
 Lab File: BP003742.D
 Acq: 26 Oct 2020 15:53

Instrument :
 BNA_P
 ClientSampleId :
 PB132578BL

Tgt Ion:244 Resp: 3151714
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.410 min Scan# 3659
 Delta R.T. -0.006 min
 Lab File: BP003742.D
 Acq: 26 Oct 2020 15:53

Tgt Ion:264 Resp: 681760
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 21.2 17.4 26.2

