

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003629.D
 Acq On : 15 Oct 2020 17:59
 Operator : CG/JU
 Sample : L4408-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WP-1

Quant Time: Oct 15 18:44:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

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

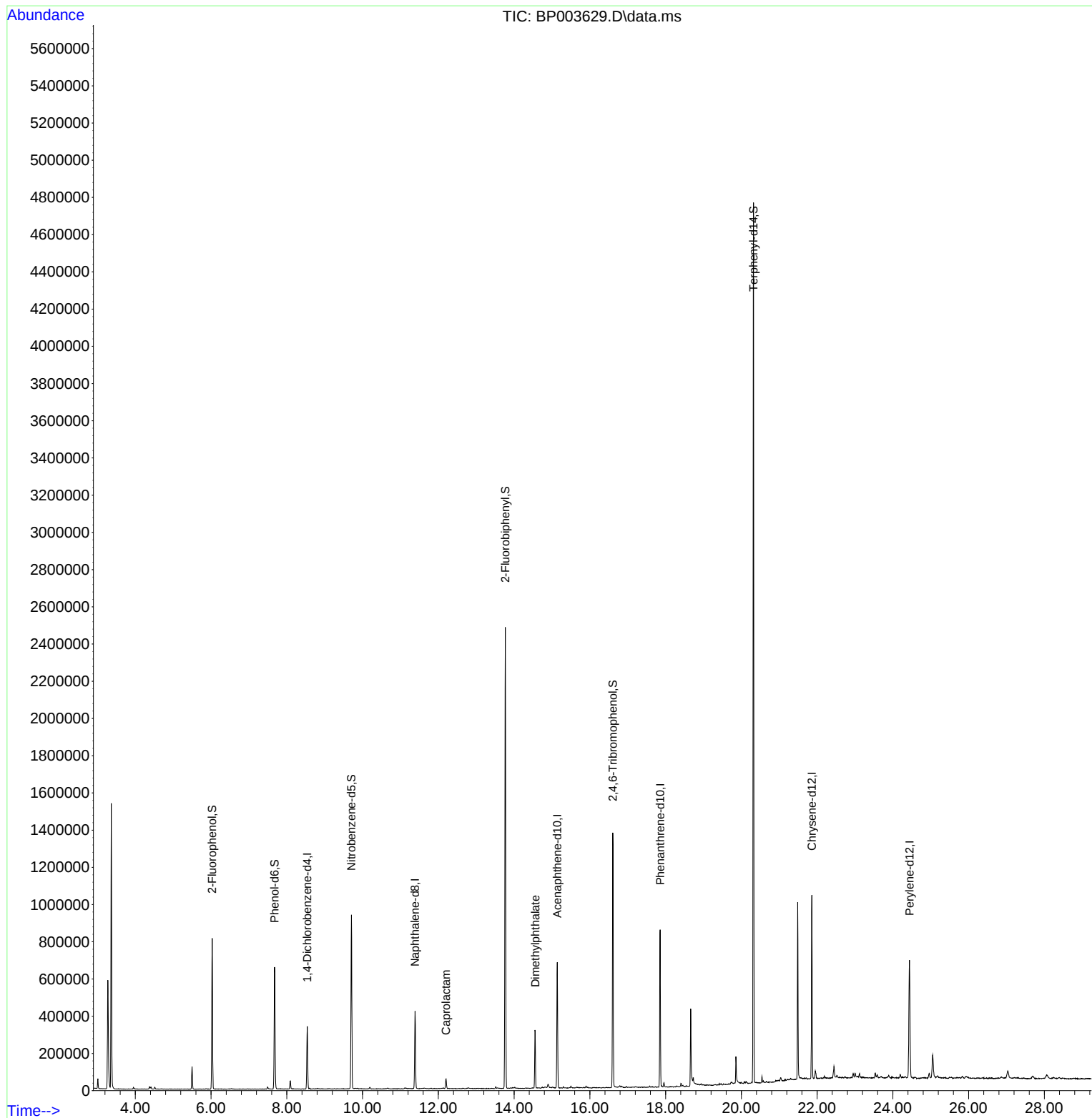
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	86466	20.00	ng	# 0.00
21) Naphthalene-d8	11.386	136	315245	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	217970	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	498828	20.00	ng	0.00
76) Chrysene-d12	21.862	240	508489	20.00	ng	#-0.02
86) Perylene-d12	24.439	264	510830	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	312041	62.04	ng	0.00
7) Phenol-d6	7.675	99	350396	47.83	ng	0.00
23) Nitrobenzene-d5	9.704	82	530294	77.99	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	255925	88.06	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1193365	71.83	ng	0.00
79) Terphenyl-d14	20.321	244	1991152	70.85	ng	-0.01
Target Compounds						
35) Caprolactam	12.198	113	9554	5.78	ng	# 57
50) Dimethylphthalate	14.557	163	188918	10.56	ng	100

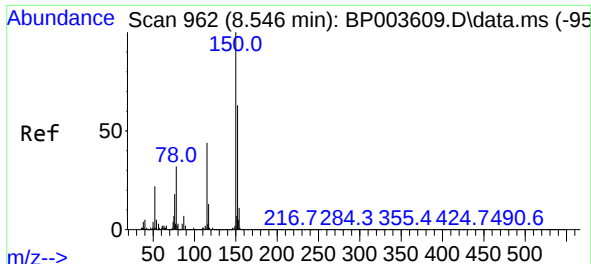
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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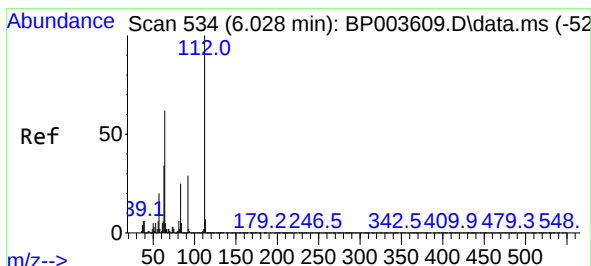
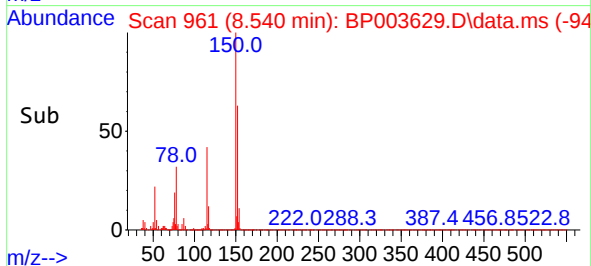
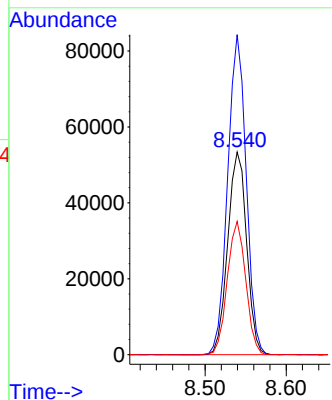
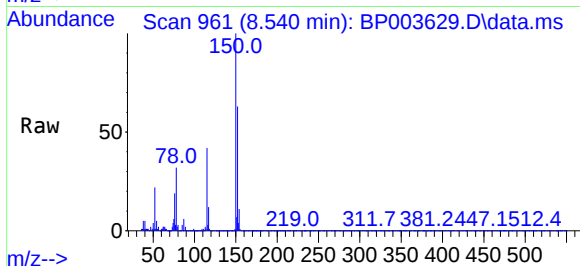




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

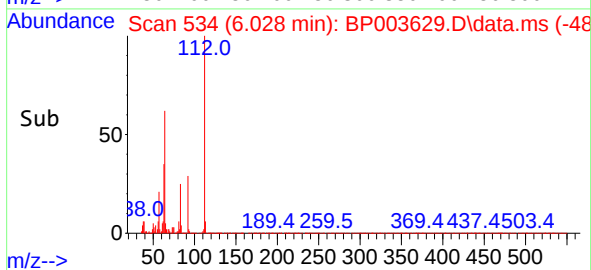
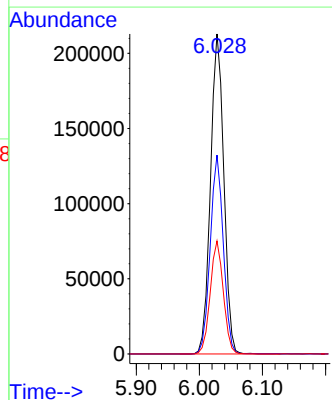
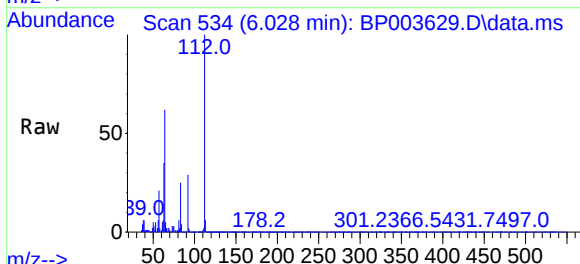
Instrument :
BNA_P
ClientSampleId :
WP-1

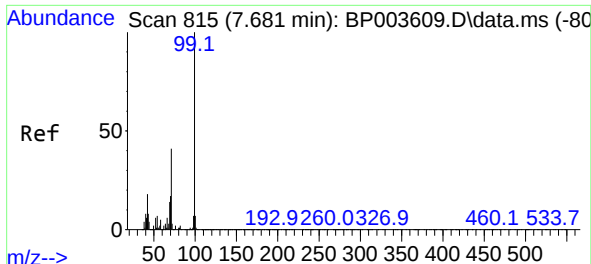
Tgt Ion:152 Resp: 86466
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 65.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 62.04 ng
RT: 6.028 min Scan# 534
Delta R.T. -0.000 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:112 Resp: 312041
Ion Ratio Lower Upper
112 100
64 62.1 32.8 49.2#
63 35.3 17.0 25.4#

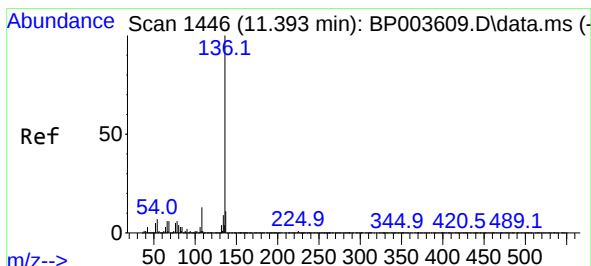
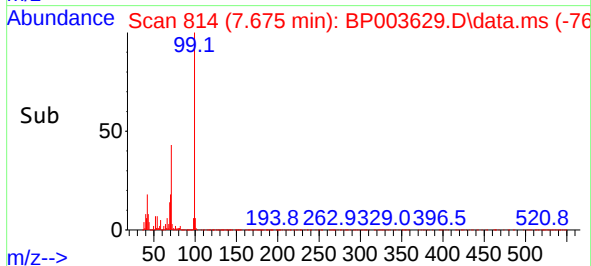
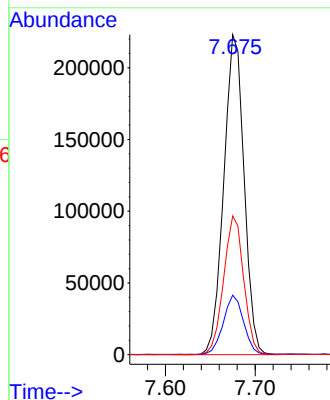
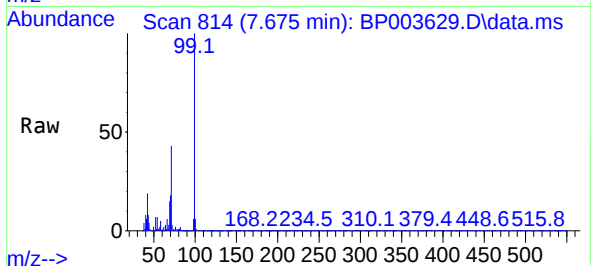




#7
Phenol-d6
Concen: 47.83 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

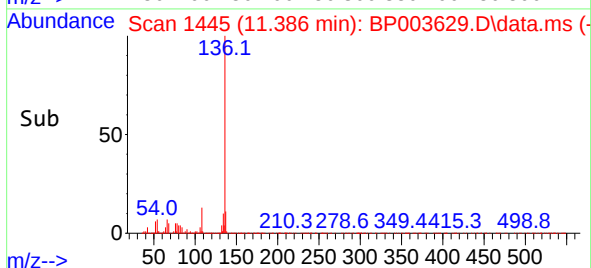
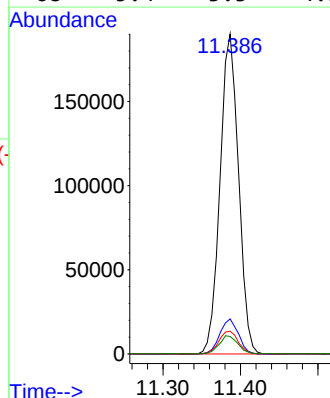
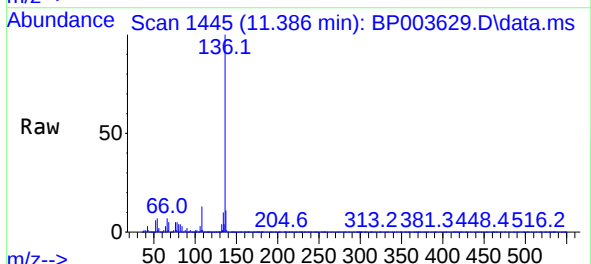
Instrument :
BNA_P
ClientSampleId :
WP-1

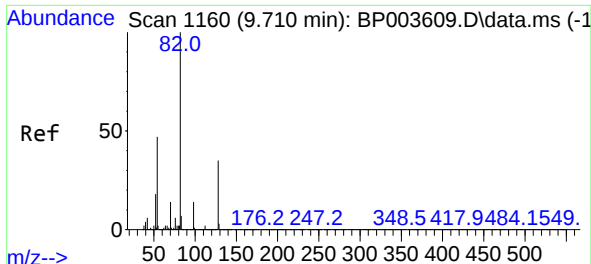
Tgt Ion: 99 Resp: 350396
Ion Ratio Lower Upper
99 100
42 18.6 8.6 13.0#
71 43.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.386 min Scan# 1445
Delta R.T. -0.007 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion: 136 Resp: 315245
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.1 3.6 5.4#
68 5.4 3.3 4.9#

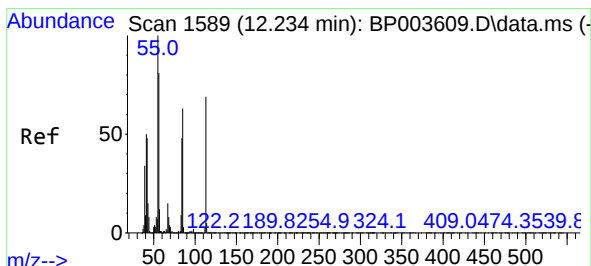
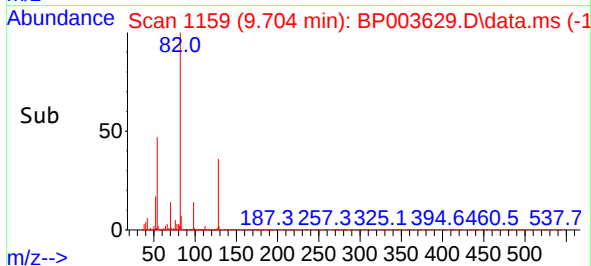
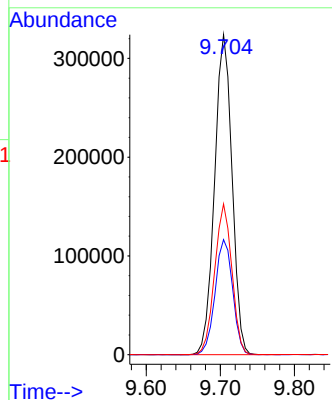
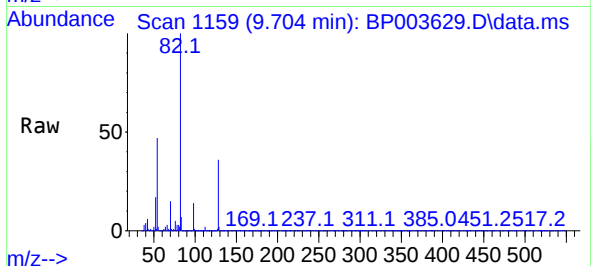




#23
Nitrobenzene-d5
Concen: 77.99 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

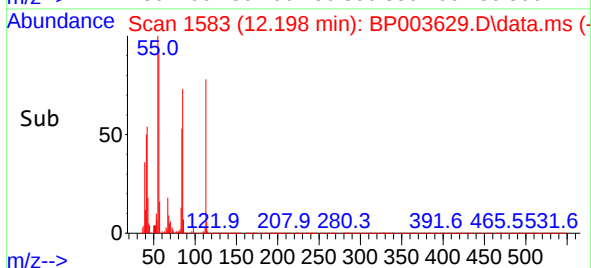
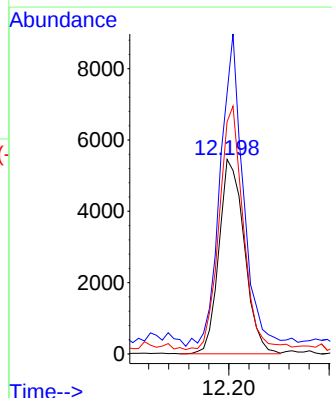
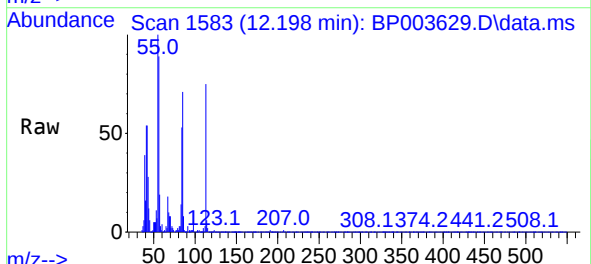
Instrument :
BNA_P
ClientSampleId :
WP-1

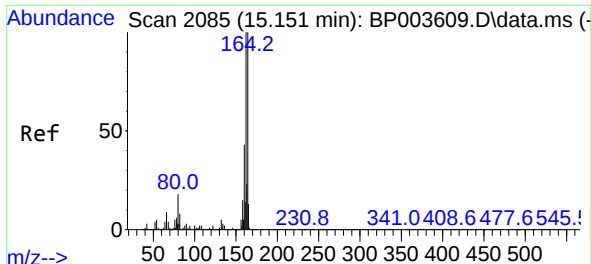
Tgt Ion: 82 Resp: 530294
Ion Ratio Lower Upper
82 100
128 36.0 45.6 68.4#
54 47.1 30.1 45.1#



#35
Caprolactam
Concen: 5.78 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion: 113 Resp: 9554
Ion Ratio Lower Upper
113 100
55 134.1 77.3 117.3#
56 119.4 55.9 95.9#

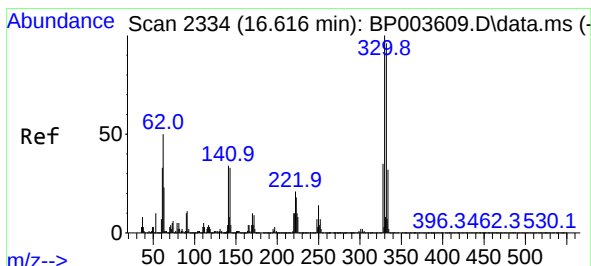
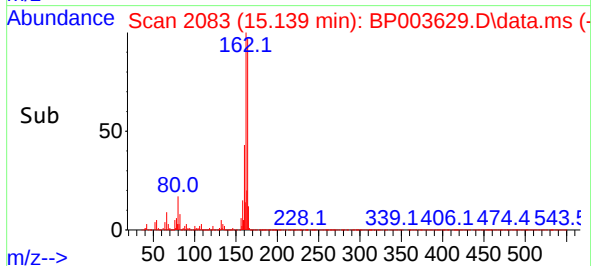
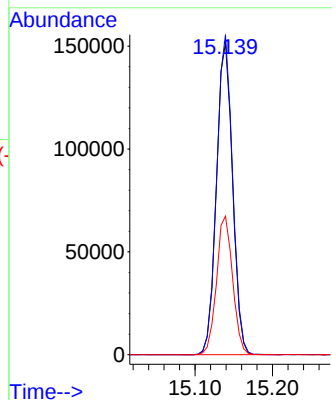
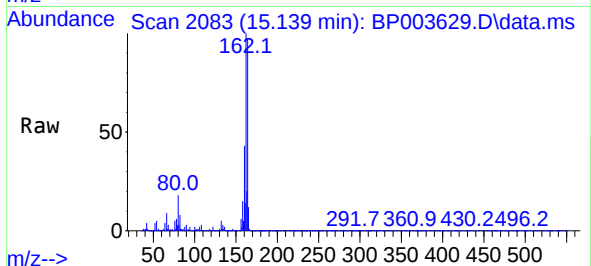




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

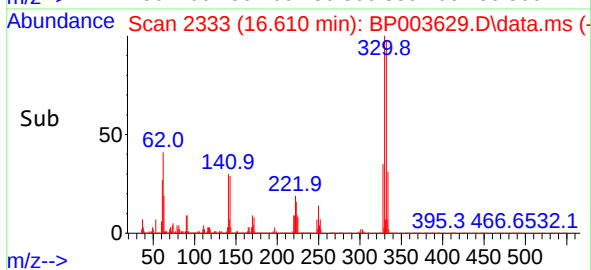
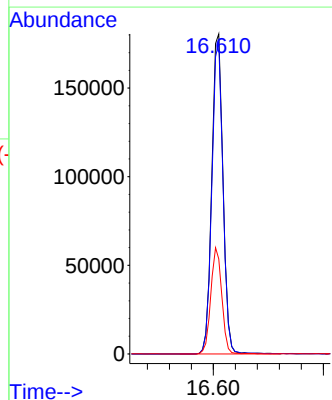
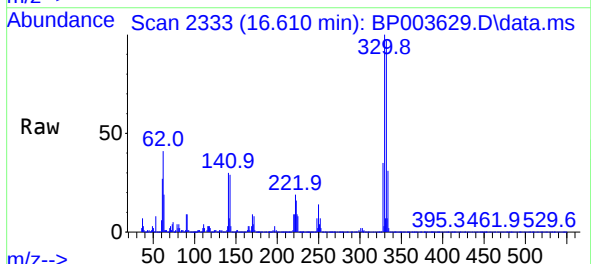
Instrument :
BNA_P
ClientSampleId :
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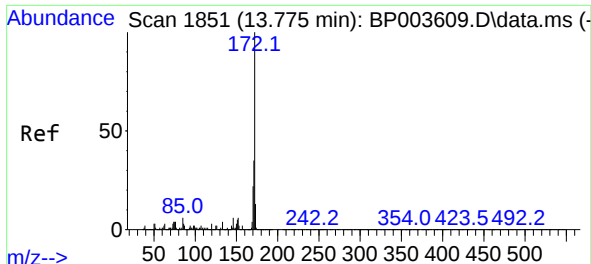
Tgt Ion:164 Resp: 217970
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 88.06 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:330 Resp: 255925
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.5 23.4 35.2

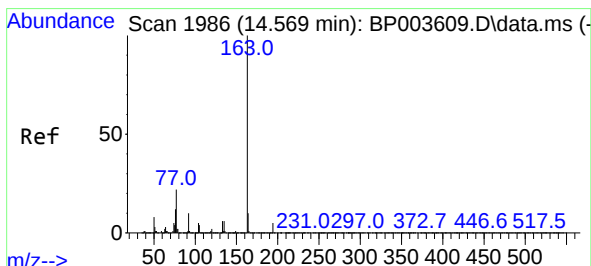
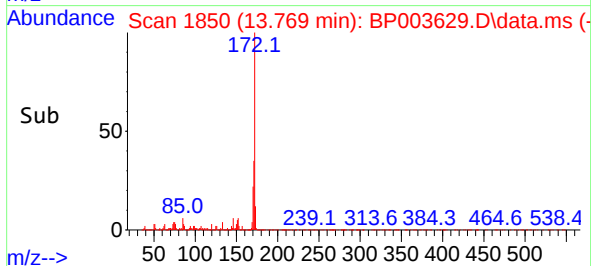
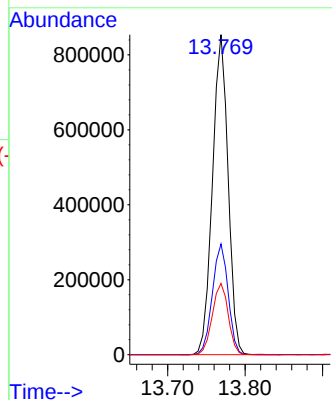
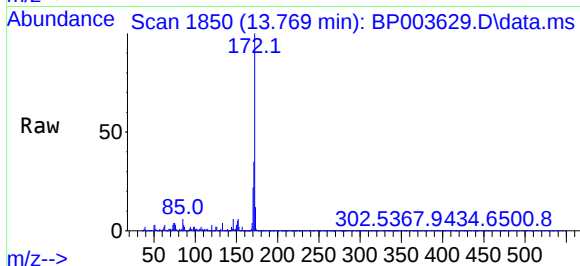




#45
2-Fluorobiphenyl
Concen: 71.83 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

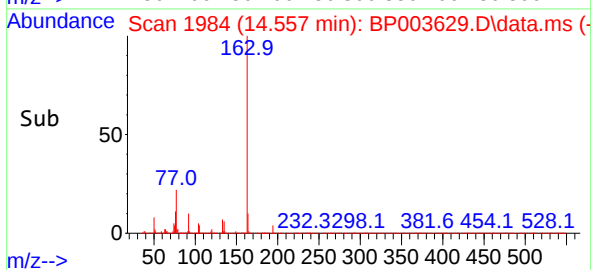
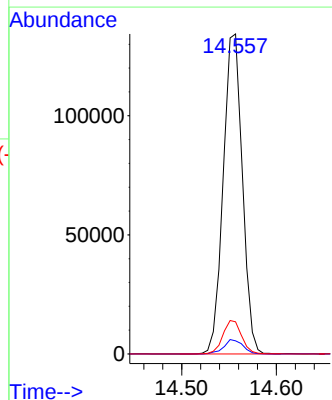
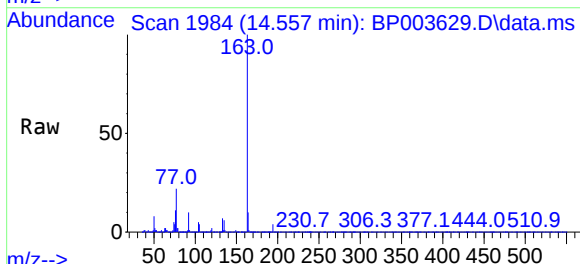
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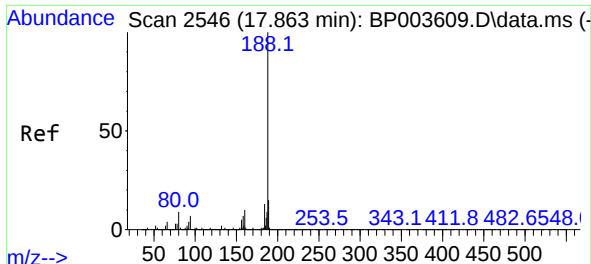
Tgt Ion:172 Resp: 1193365
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.3 19.2 28.8



#50
Dimethylphthalate
Concen: 10.56 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:163 Resp: 188918
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2

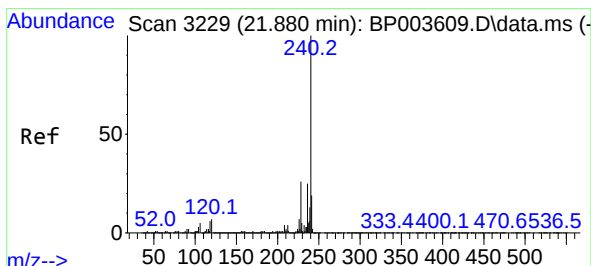
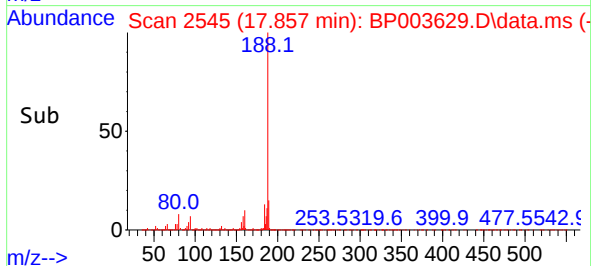
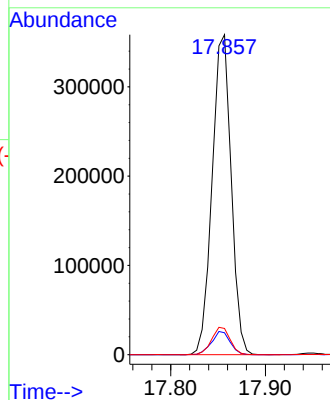
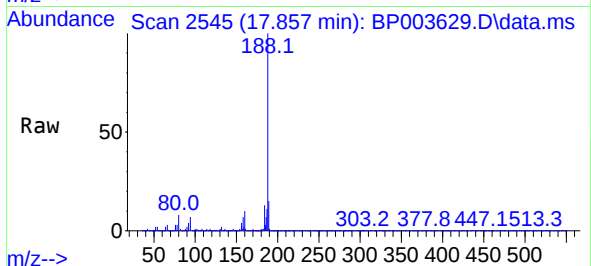




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

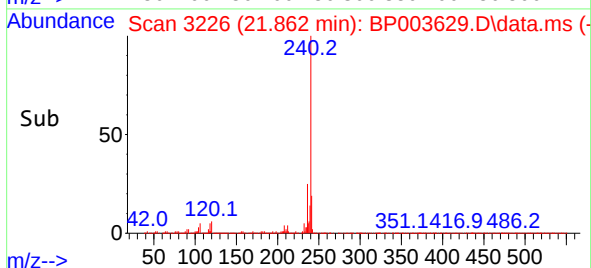
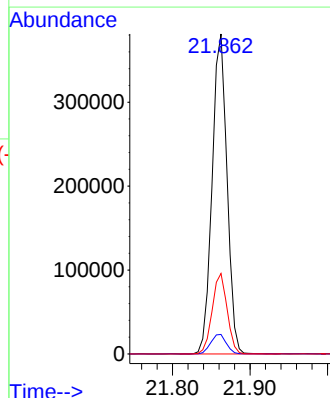
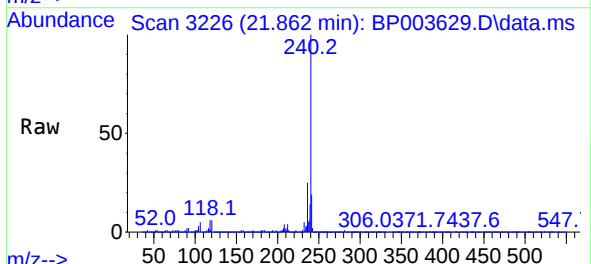
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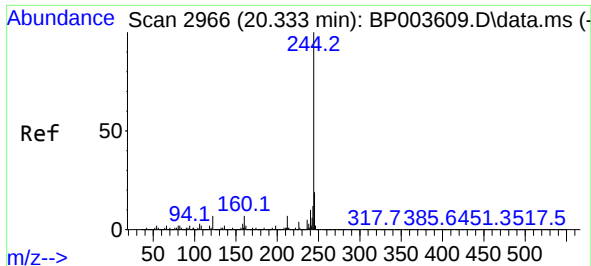
Tgt Ion:188	Resp:	498828
Ion Ratio	Lower	Upper
188	100	
94	6.9	6.2 9.2
80	8.2	6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.862 min Scan# 3226
Delta R.T. -0.018 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:240	Resp:	508489
Ion Ratio	Lower	Upper
240	100	
120	6.1	7.8 11.6#
236	25.1	20.8 31.2

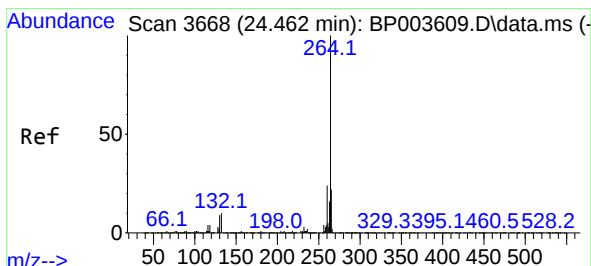
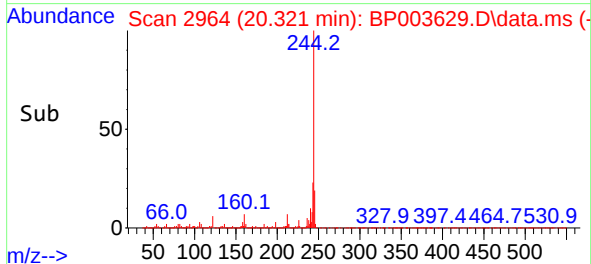
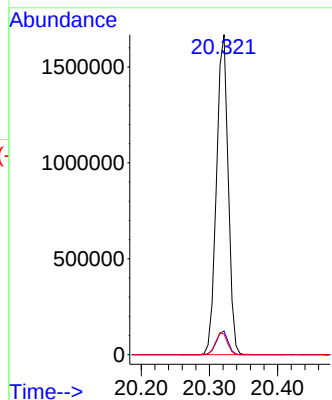
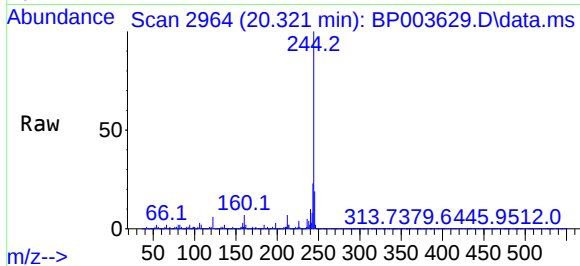




#79
Terphenyl-d14
Concen: 70.85 ng
RT: 20.321 min Scan# 2964
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 1991152
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.5 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.439 min Scan# 3664
Delta R.T. -0.024 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:264 Resp: 510830
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.3 17.4 26.2

