

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
 Data File : BP003927.D
 Acq On : 11 Nov 2020 18:48
 Operator : CG/JU
 Sample : LL4681-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-S

Quant Time: Nov 12 00:24:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

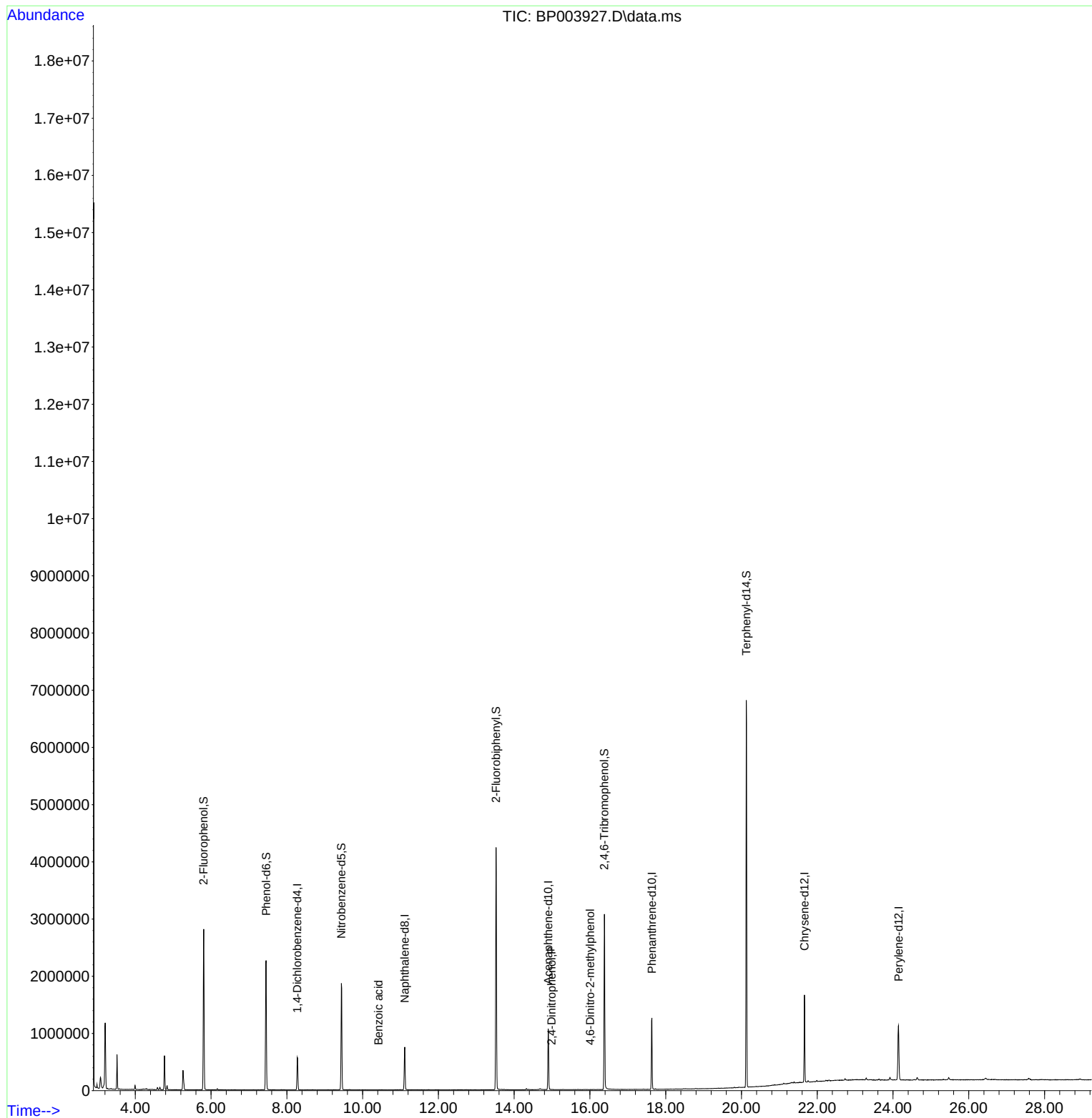
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	149673	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	584007	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	352417	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	739187	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	722400	20.00	ng	0.00
86) Perylene-d12	24.145	264	750043	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1089917	121.54	ng	0.00
7) Phenol-d6	7.452	99	1221289	94.87	ng	0.00
23) Nitrobenzene-d5	9.440	82	1032729	86.61	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	567345	128.71	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	2112837	83.82	ng	0.00
79) Terphenyl-d14	20.128	244	2900060	77.56	ng	0.00
Target Compounds						
9) Benzaldehyde	7.405	77	79	Below Cal	#	28
32) Benzoic acid	10.422	122	185	8.33	ng	# 8
54) 2,4-Dinitrophenol	14.987	184	25	2.74	ng	# 86
65) 4,6-Dinitro-2-methylph...	16.010	198	18	6.35	ng	# 1

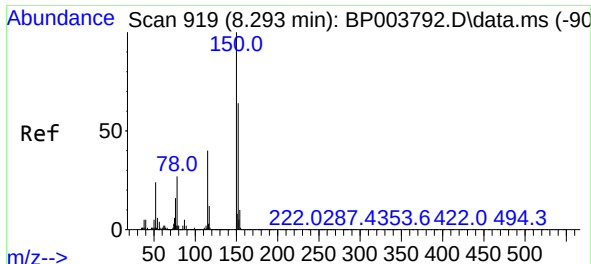
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

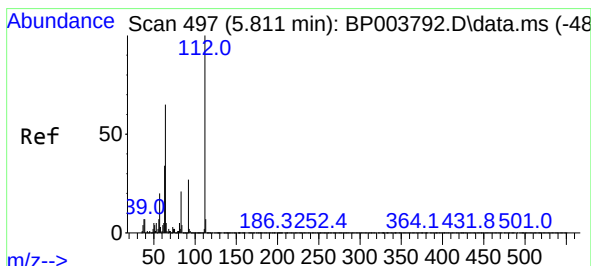
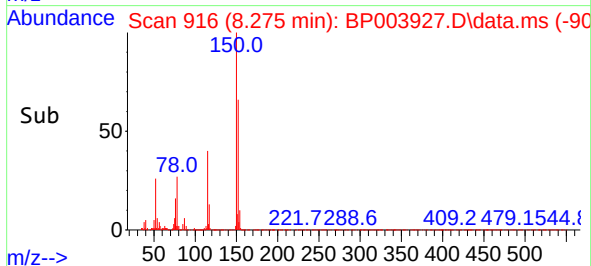
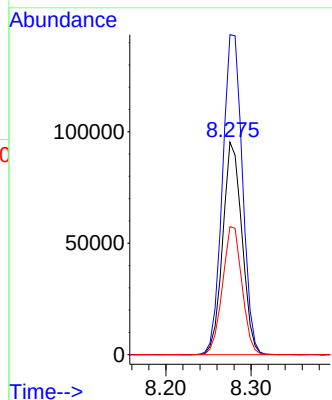
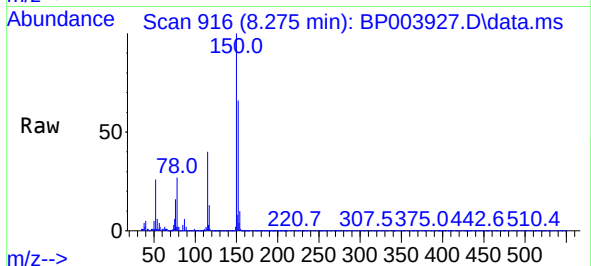




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.275 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

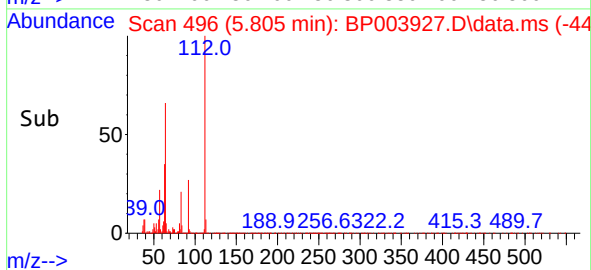
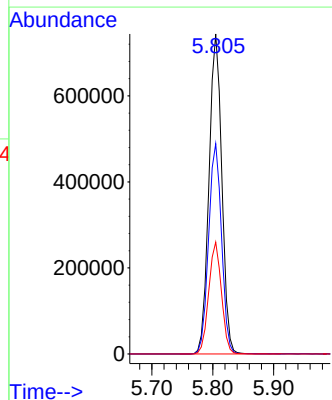
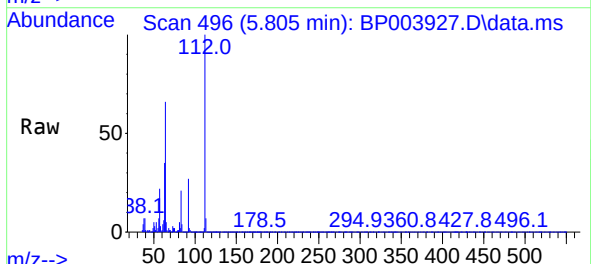
Instrument :
BNA_P
ClientSampled :
TP-1-S

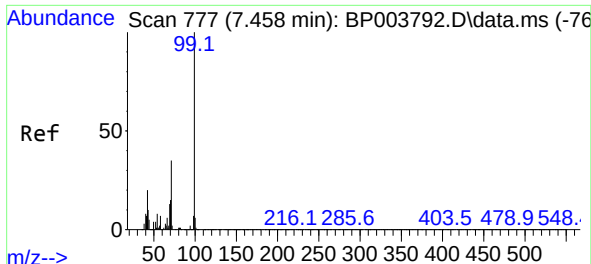
Tgt Ion:152 Resp: 149673
Ion Ratio Lower Upper
152 100
150 150.5 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 121.54 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion:112 Resp: 1089917
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 34.9 17.0 25.4#

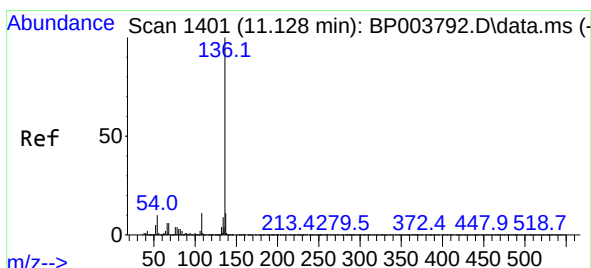
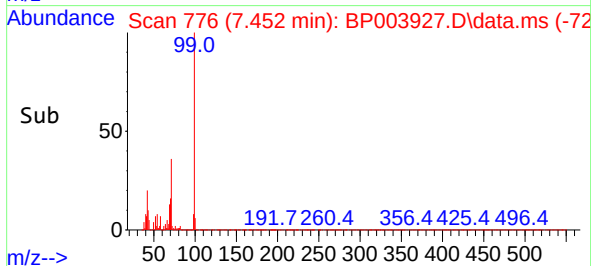
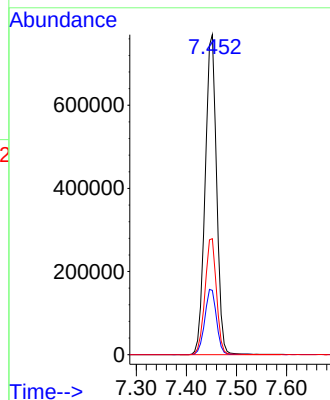
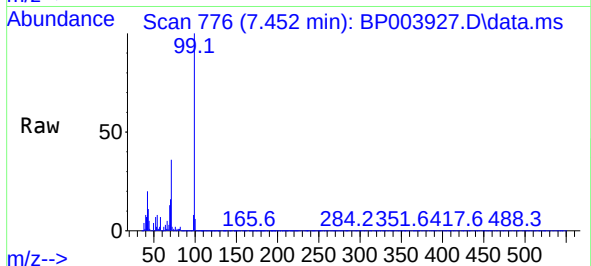




#7
Phenol-d6
Concen: 94.87 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

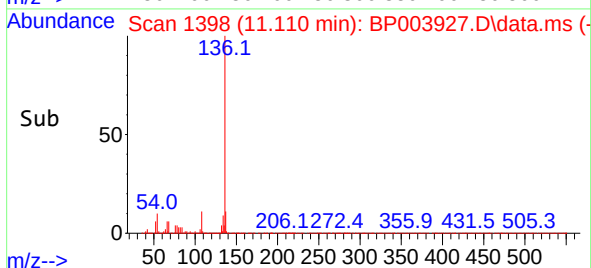
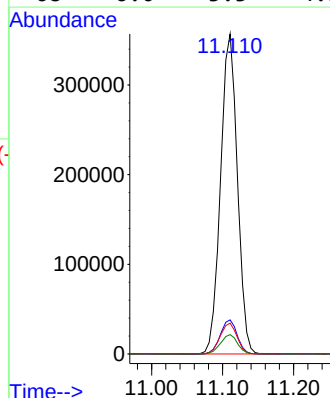
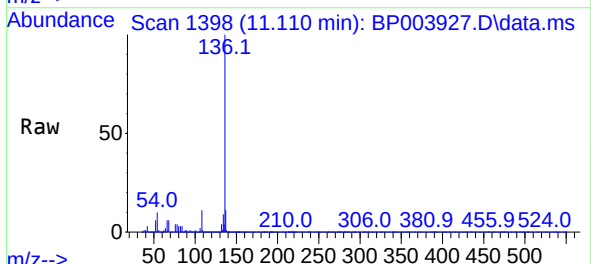
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BNA_P
ClientSampleId :
TP-1-S

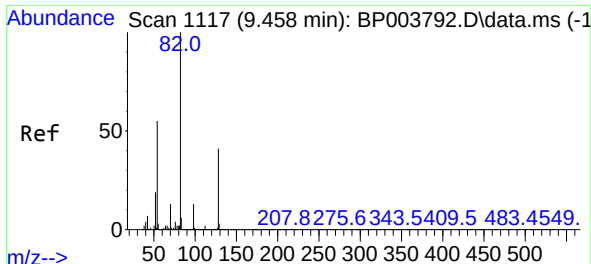
Tgt Ion: 99 Resp: 1221289
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion: 136 Resp: 584007
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 3.6 5.4#
68 6.0 3.3 4.9#

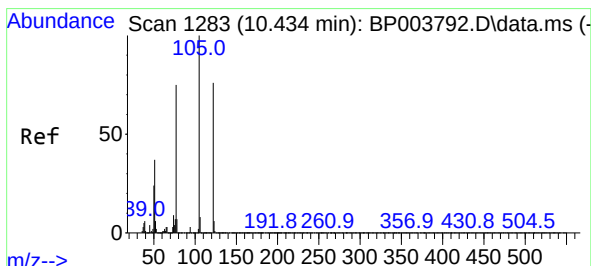
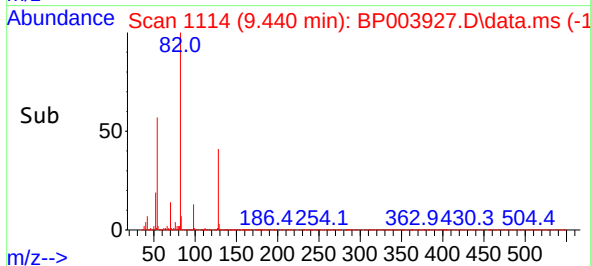
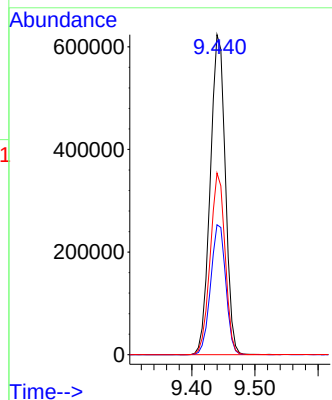
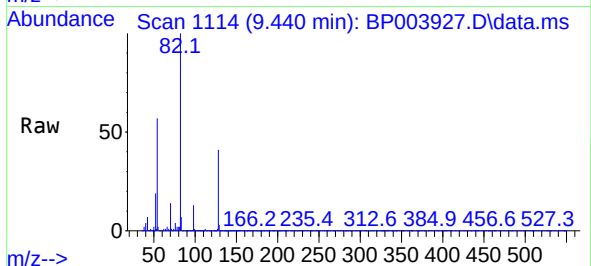




#23
Nitrobenzene-d5
Concen: 86.61 ng
RT: 9.440 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

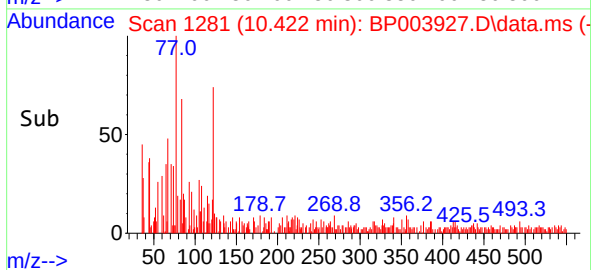
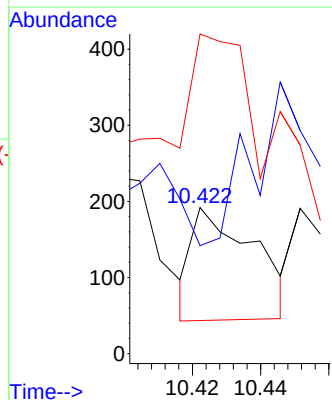
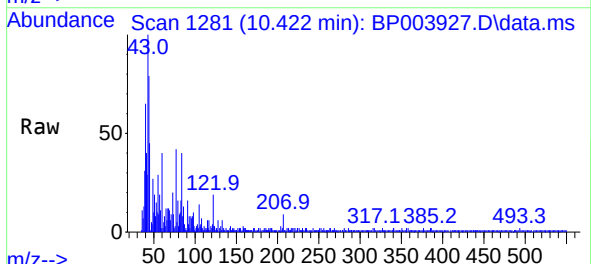
Instrument :
BNA_P
ClientSampled :
TP-1-S

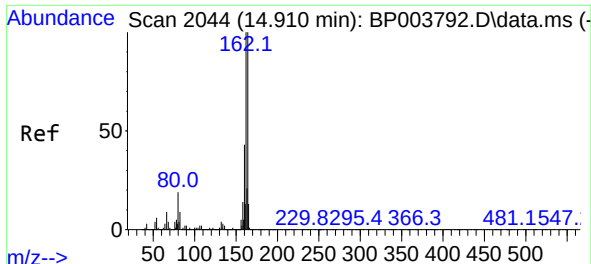
Tgt Ion: 82 Resp: 1032729
Ion Ratio Lower Upper
82 100
128 40.6 45.6 68.4#
54 56.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion: 122 Resp: 185
Ion Ratio Lower Upper
122 100
105 74.0 94.1 134.1#
77 218.8 50.1 90.1#

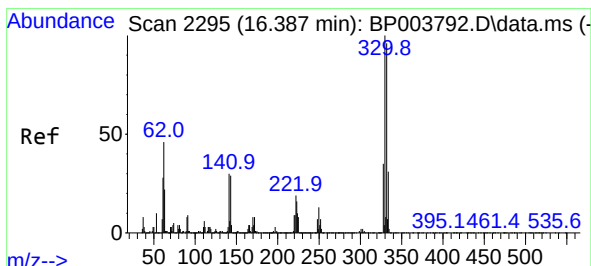
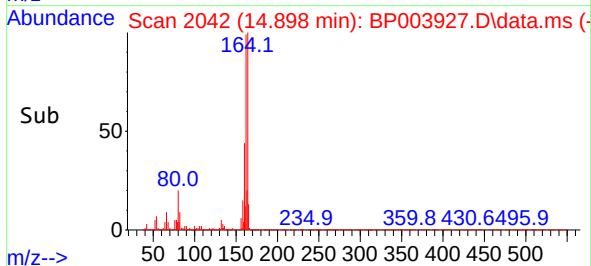
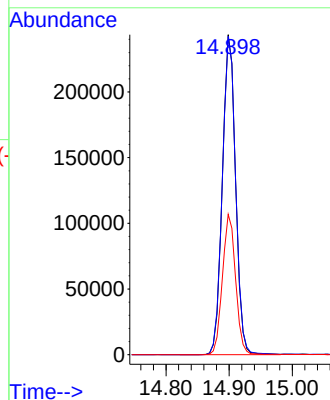
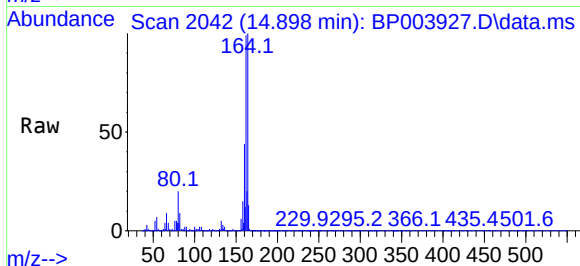




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

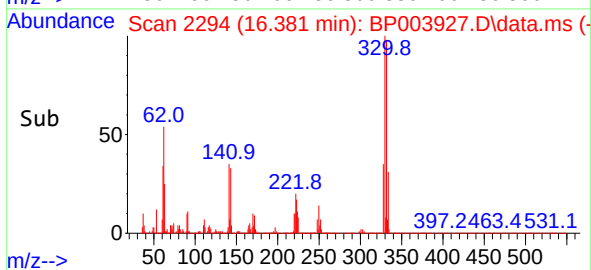
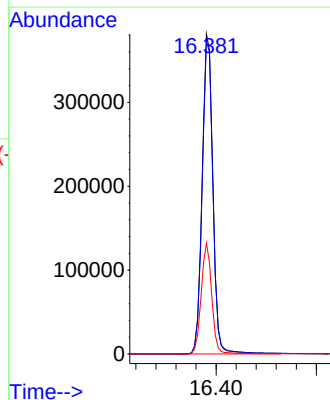
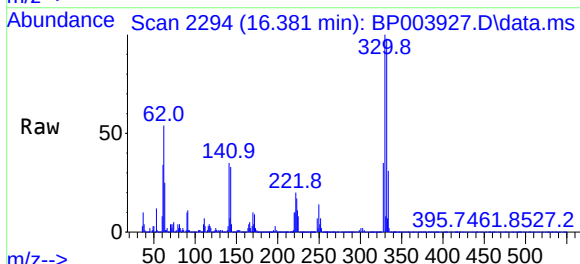
Instrument :
BNA_P
ClientSampled :
TP-1-S

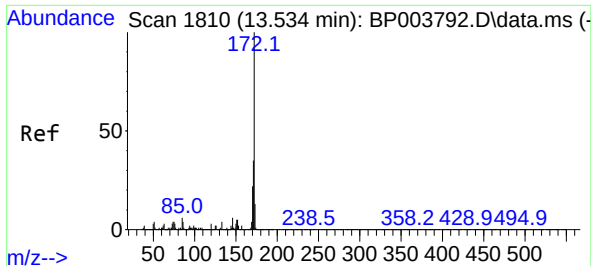
Tgt Ion:164 Resp: 352417
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 128.71 ng
RT: 16.381 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion:330 Resp: 567345
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 33.8 23.4 35.2

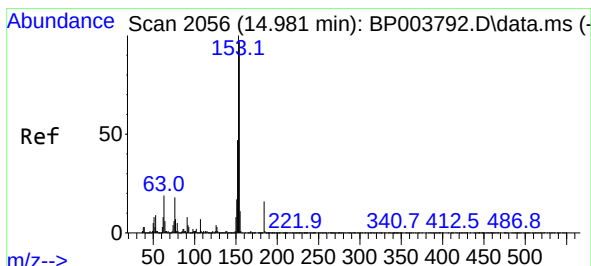
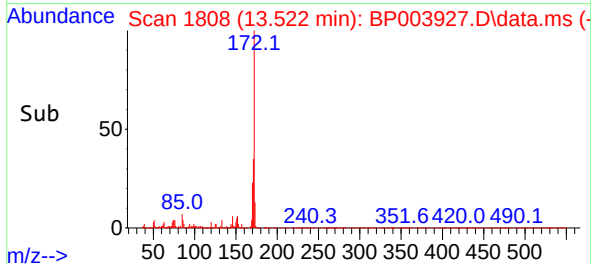
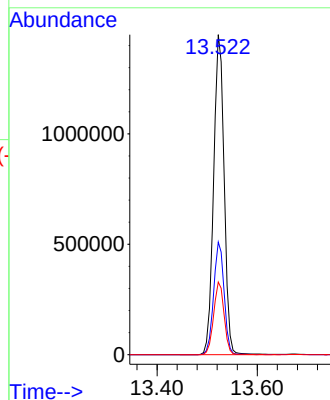
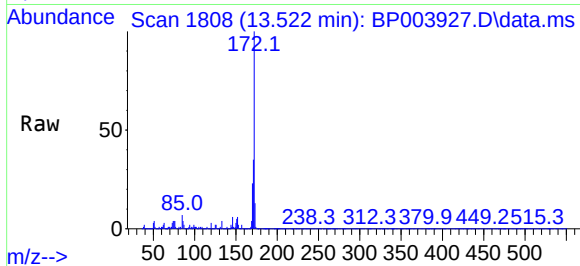




#45
2-Fluorobiphenyl
Concen: 83.82 ng
RT: 13.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

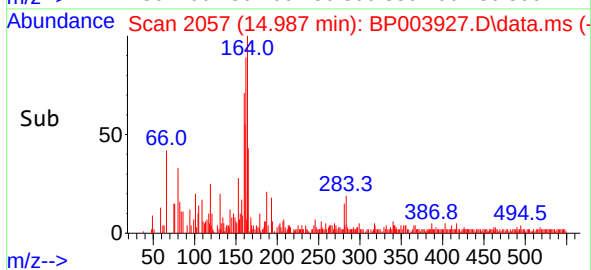
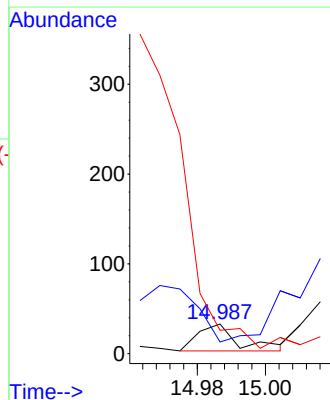
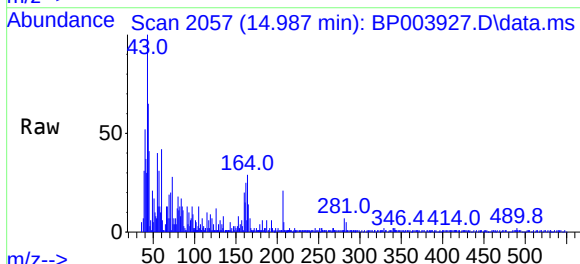
Instrument :
BNA_P
ClientSampled :
TP-1-S

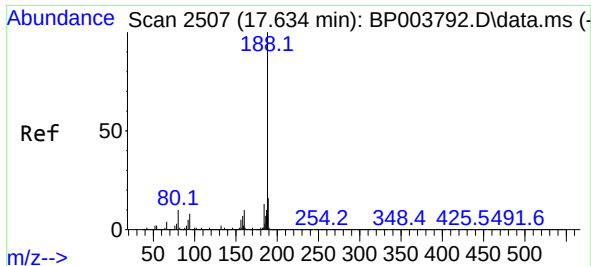
Tgt Ion:172 Resp: 2112837
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 39.4 32.3 48.5
154 78.8 49.1 73.7#

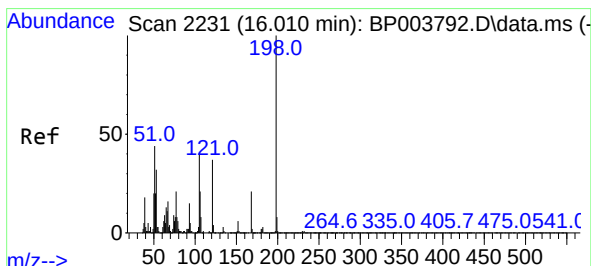
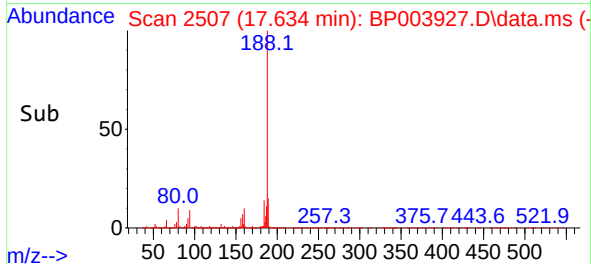
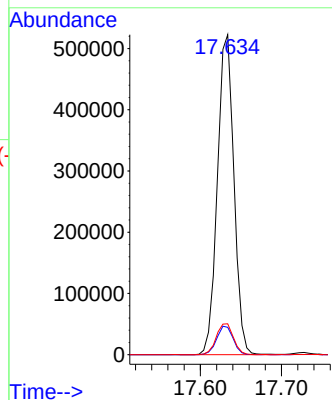
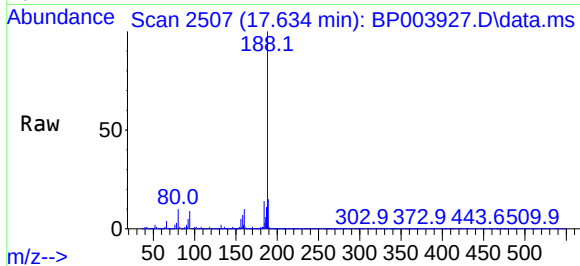




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. 0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

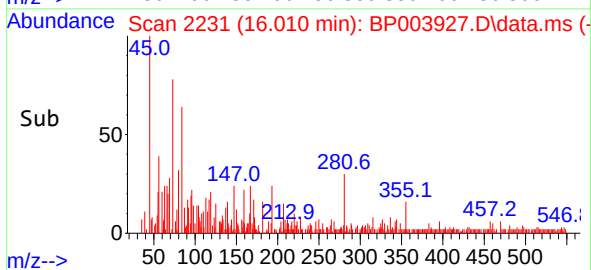
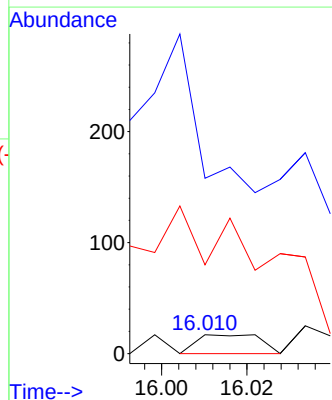
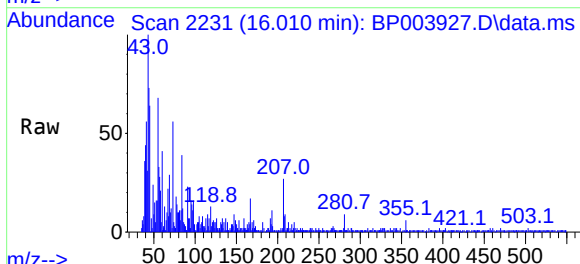
Instrument :
BNA_P
ClientSampleId :
TP-1-S

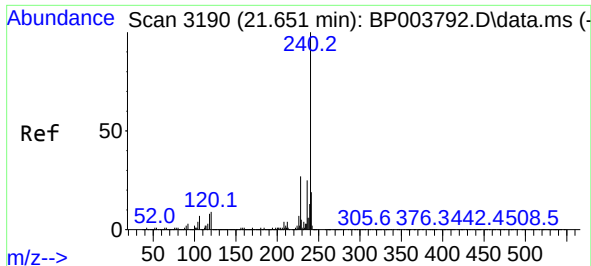
Tgt Ion:188 Resp: 739187
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.6 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.010 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 929.4 6.4 46.4#
105 470.6 18.9 58.9#



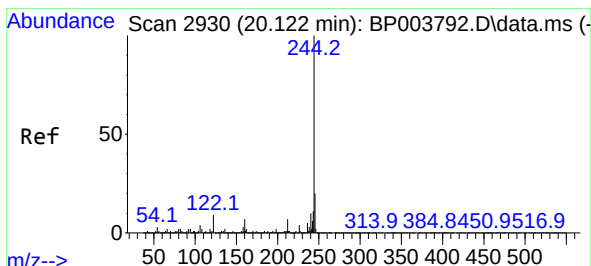
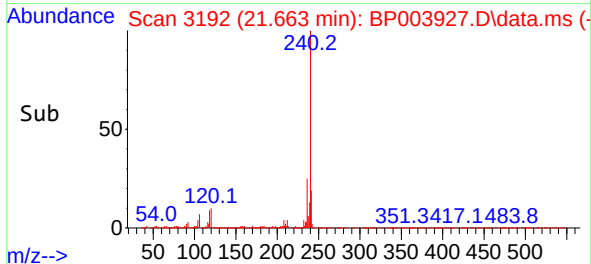
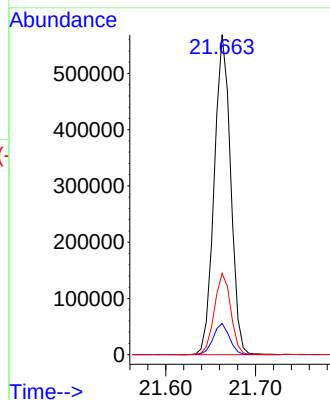
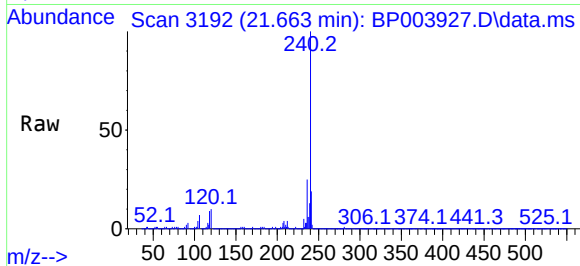


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S

Tgt Ion:240 Resp: 722400

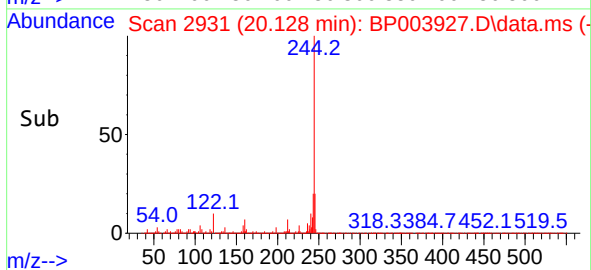
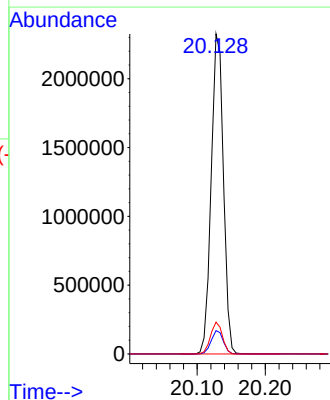
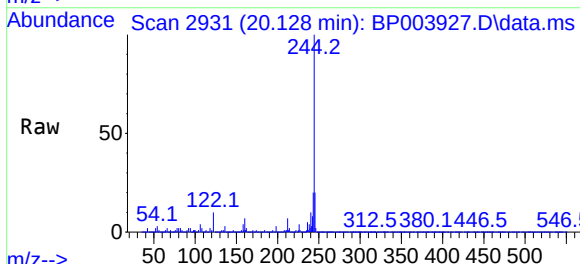
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.4	20.8	31.2

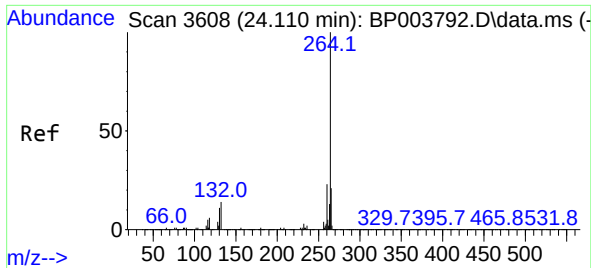


#79
Terphenyl-d14
Concen: 77.56 ng
RT: 20.128 min Scan# 2931
Delta R.T. 0.000 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Tgt Ion:244 Resp: 2900060

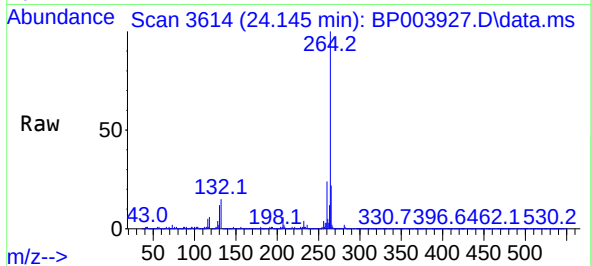
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.9	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.145 min Scan# 3614
Delta R.T. 0.018 min
Lab File: BP003927.D
Acq: 11 Nov 2020 18:48

Instrument :
BNA_P
ClientSampleId :
TP-1-S



Tgt Ion:264 Resp: 750043

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.4	26.2

