

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007947.D
 Acq On : 11 Nov 2021 16:06
 Operator : CG/JU
 Sample : M4630-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13W-25.5-26

Quant Time: Nov 11 17:40:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

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

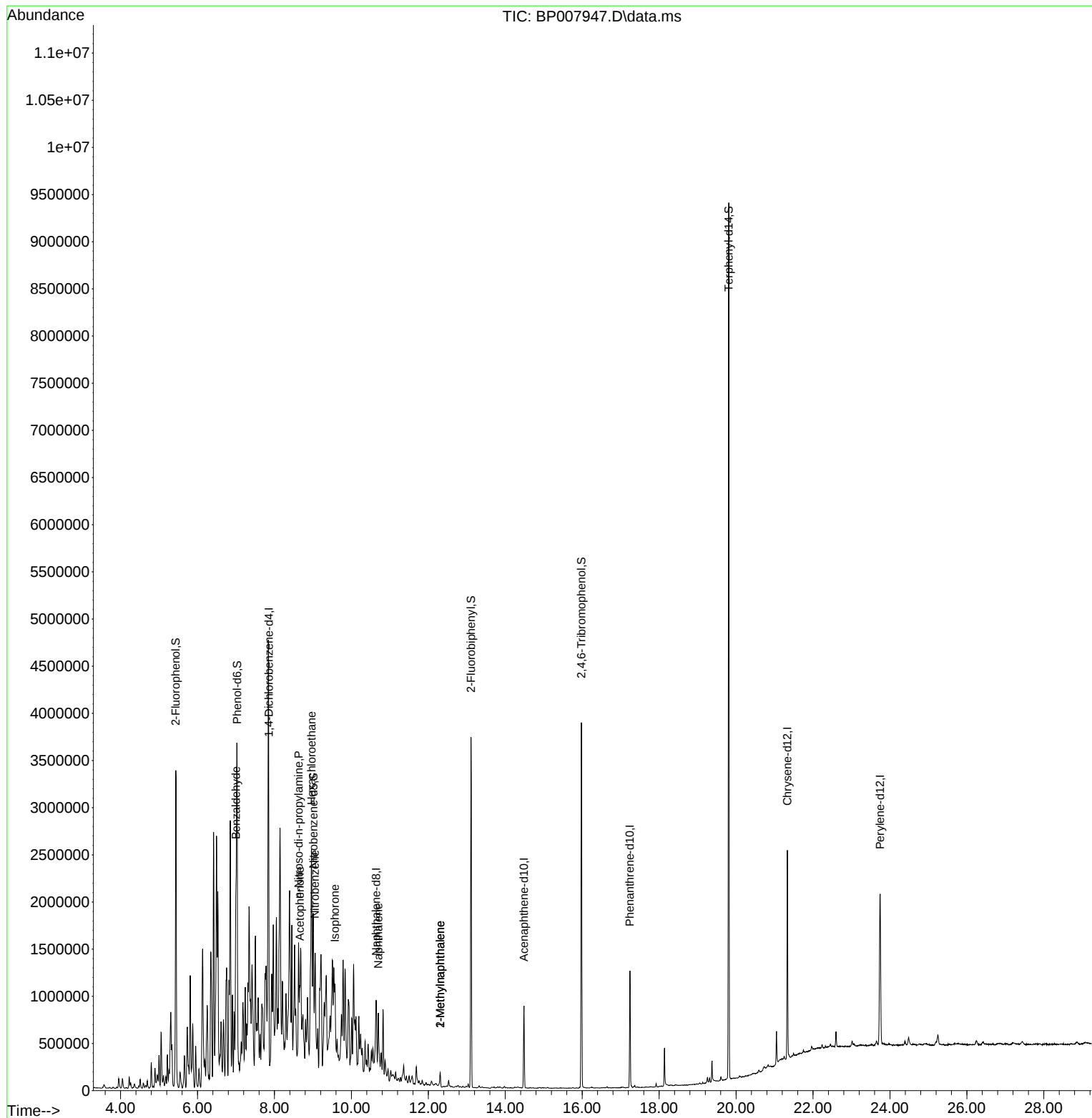
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	109812	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	405979	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	293528	20.000	ng	0.00
64) Phenanthrene-d10	17.240	188	722004	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	1039816	20.000	ng	0.00
86) Perylene-d12	23.745	264	1278886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1102508	170.271	ng	0.00
7) Phenol-d6	7.028	99	1298559	138.559	ng	0.00
23) Nitrobenzene-d5	9.011	82	749200	99.131	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	788269	188.173	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1887356	93.637	ng	0.00
79) Terphenyl-d14	19.810	244	4281649	83.848	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	326	Below Cal	#	1
9) Benzaldehyde	6.999	77	27732	5.442	ng	# 11
18) Hexachloroethane	8.963	117	108549	38.712	ng	# 1
19) n-Nitroso-di-n-propyla...	8.628	70	53493	9.326	ng	# 65
22) Acetophenone	8.658	105	316526	30.943	ng	# 59
24) Nitrobenzene	9.052	77	23873	3.319	ng	# 45
25) Isophorone	9.575	82	81078	5.903	ng	# 1
31) Naphthalene	10.699	128	391721	19.074	ng	97
37) 2-Methylnaphthalene	12.310	142	57741	3.812	ng	97
38) 1-Methylnaphthalene	12.310	142	57406	3.868	ng	99

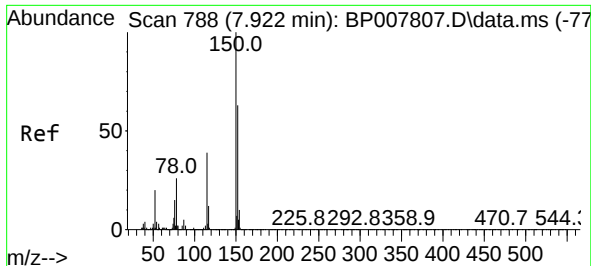
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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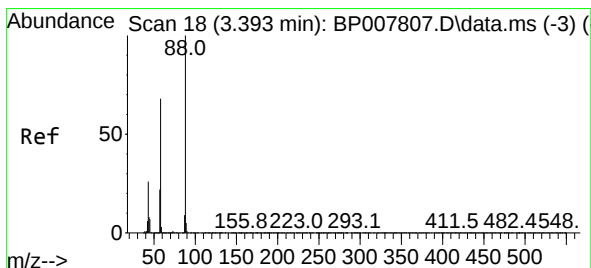
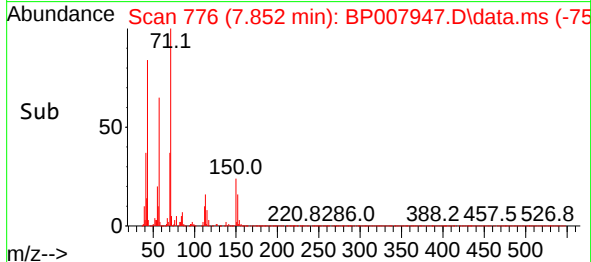
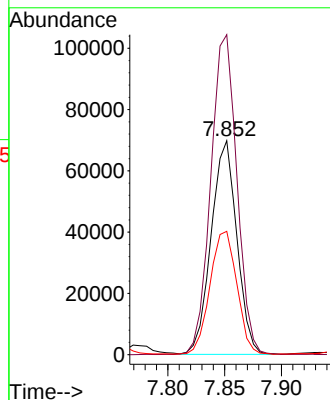
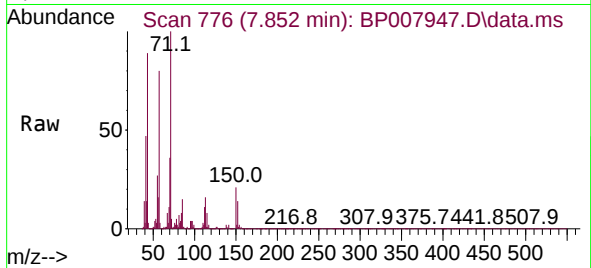




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.852 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP007947.D
 Acq: 11 Nov 2021 16:06

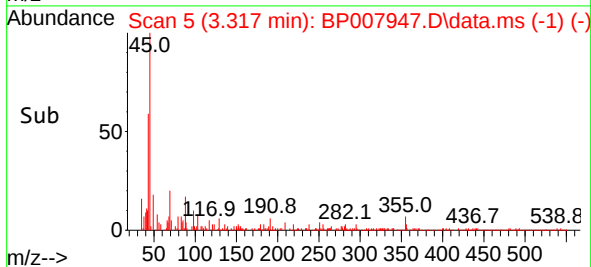
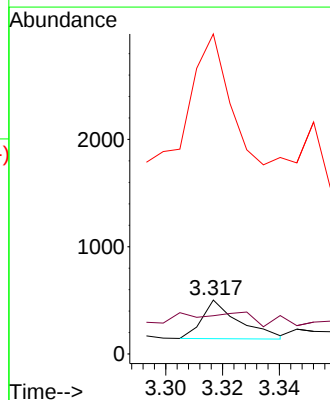
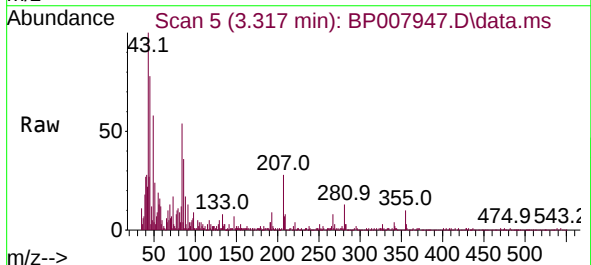
Instrument :
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 ClientSampleId :
 SB-13W-25.5-26

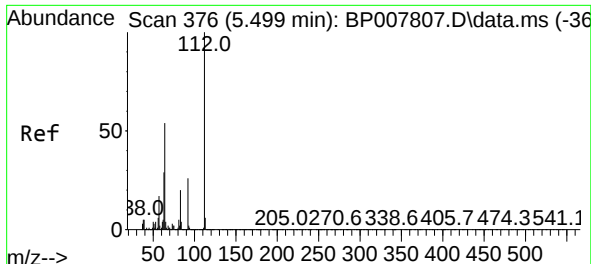
Tgt Ion:152 Resp: 109812
 Ion Ratio Lower Upper
 152 100
 150 149.6 124.1 186.1
 115 57.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.317 min Scan# 5
 Delta R.T. -0.024 min
 Lab File: BP007947.D
 Acq: 11 Nov 2021 16:06

Tgt Ion: 88 Resp: 326
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 306.4 22.2 33.4#

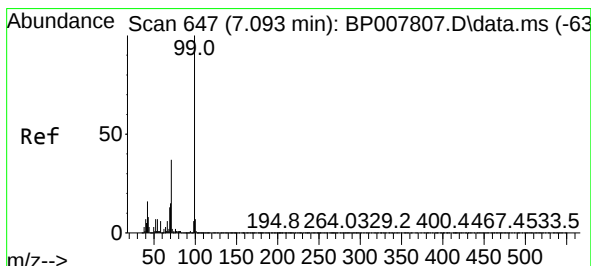
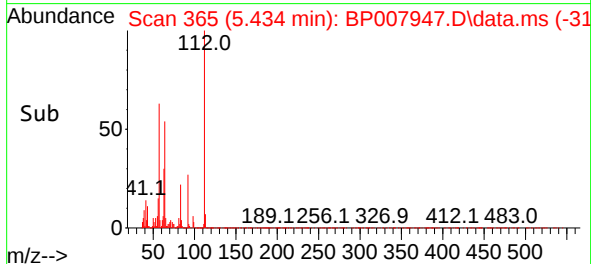
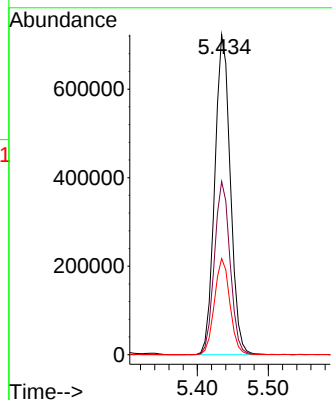
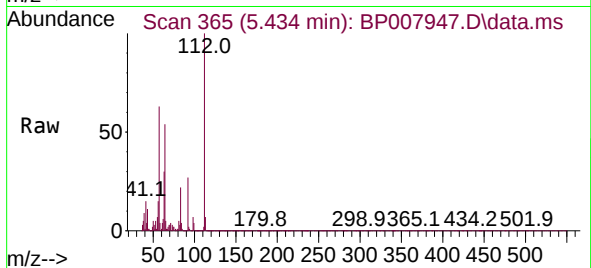




#5
2-Fluorophenol
Concen: 170.271 ng
RT: 5.434 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

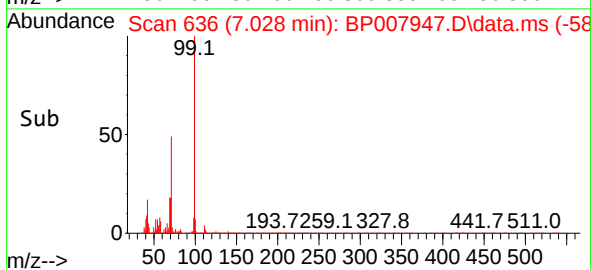
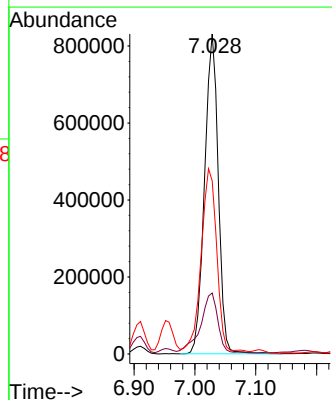
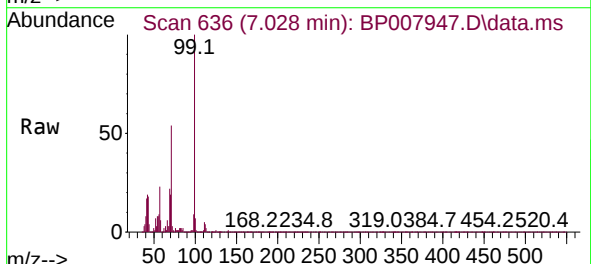
Instrument :
BNA_P
ClientSampleId :
SB-13W-25.5-26

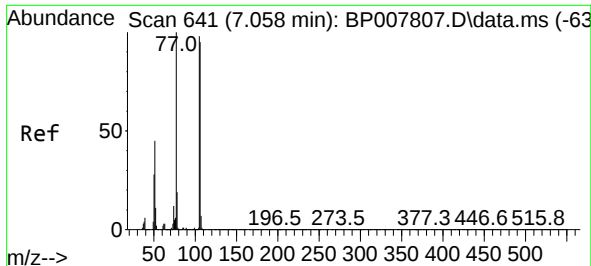
Tgt Ion:112 Resp: 1102508
Ion Ratio Lower Upper
112 100
64 54.1 46.6 70.0
63 30.0 25.0 37.6



#7
Phenol-d6
Concen: 138.559 ng
RT: 7.028 min Scan# 636
Delta R.T. 0.000 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion: 99 Resp: 1298559
Ion Ratio Lower Upper
99 100
42 19.0 14.9 22.3
71 54.1 29.2 43.8#

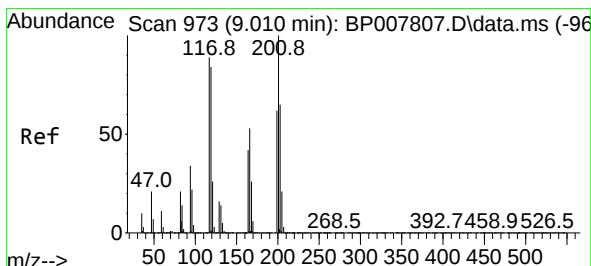
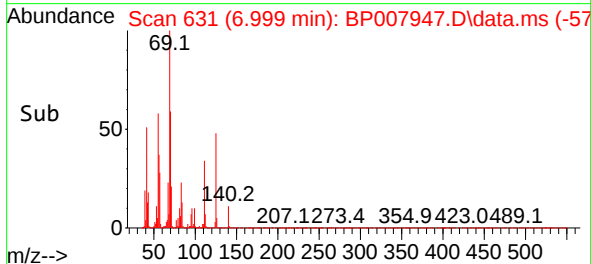
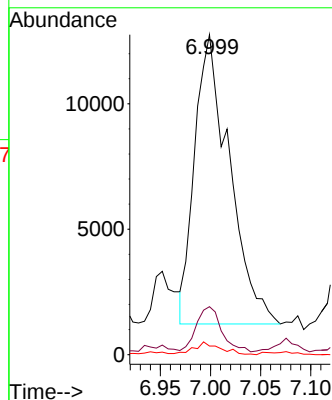
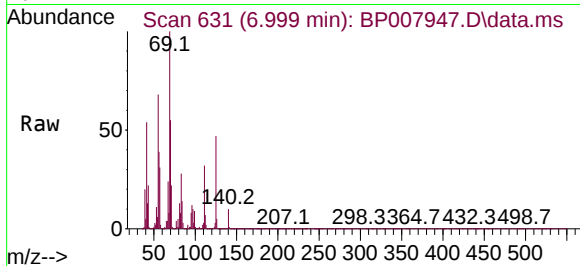




#9
Benzaldehyde
Concen: 5.442 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

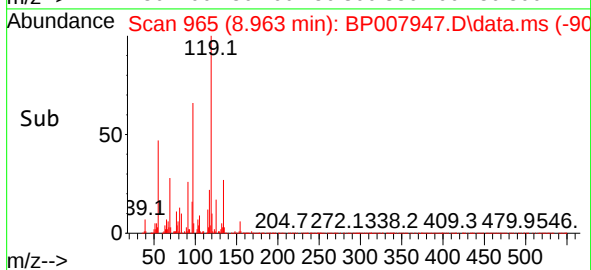
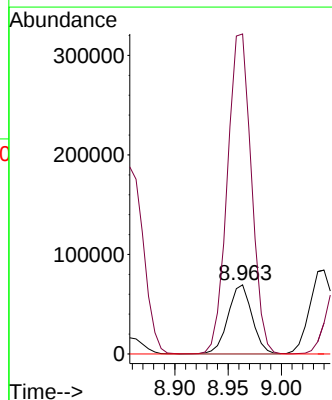
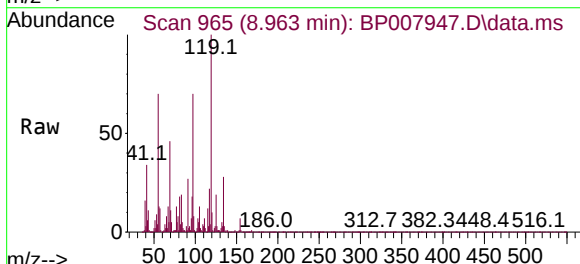
Instrument :
BNA_P
ClientSampleId :
SB-13W-25.5-26

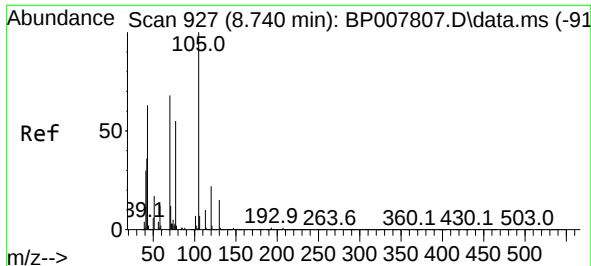
Tgt Ion: 77 Resp: 27732
Ion Ratio Lower Upper
77 100
105 15.0 77.5 117.5#
106 2.7 72.1 112.1#



#18
Hexachloroethane
Concen: 38.712 ng
RT: 8.963 min Scan# 965
Delta R.T. 0.029 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion: 117 Resp: 108549
Ion Ratio Lower Upper
117 100
119 463.1 77.6 116.4#
201 0.0 82.9 124.3#

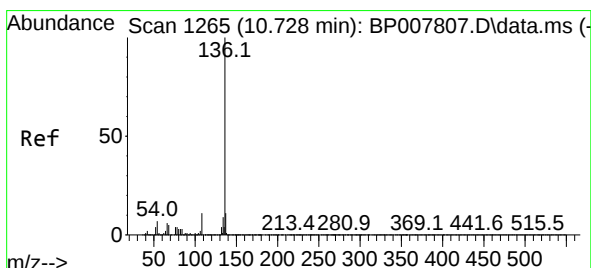
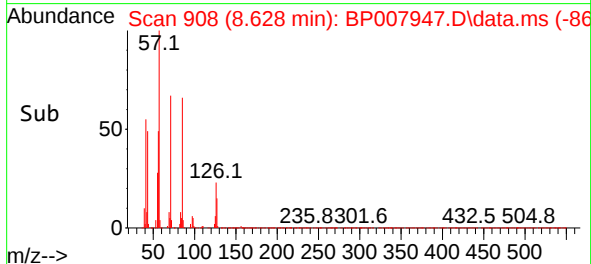
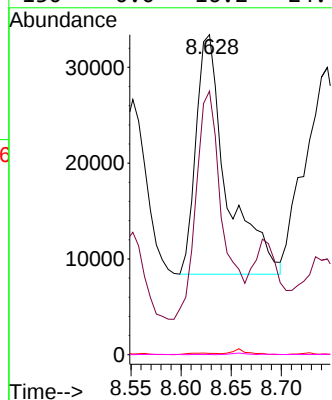
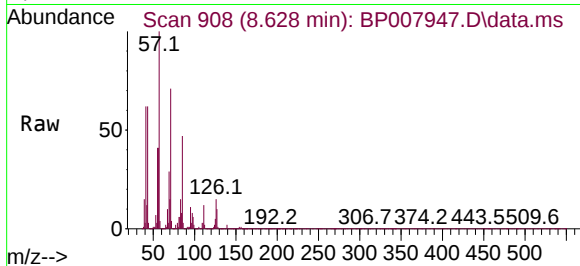




#19
n-Nitroso-di-n-propylamine
Concen: 9.326 ng
RT: 8.628 min Scan# 90
Delta R.T. -0.035 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

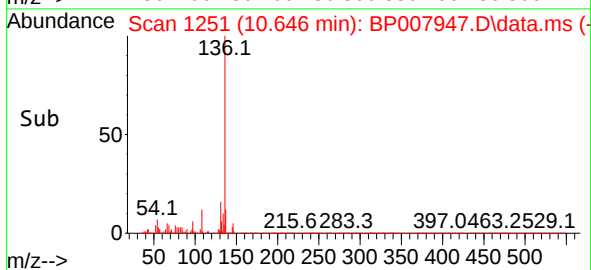
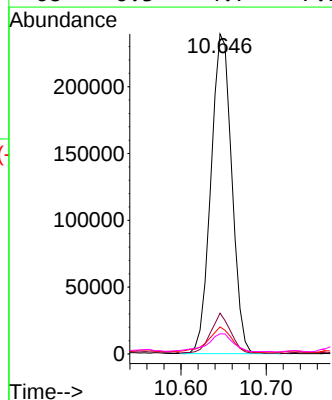
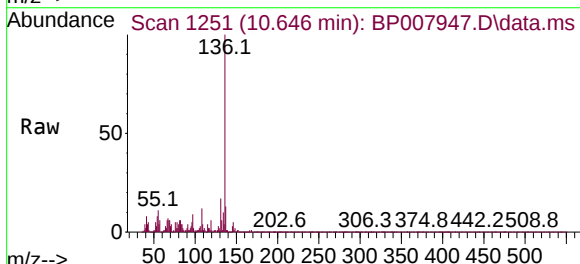
Instrument :
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ClientSampleId :
SB-13W-25.5-26

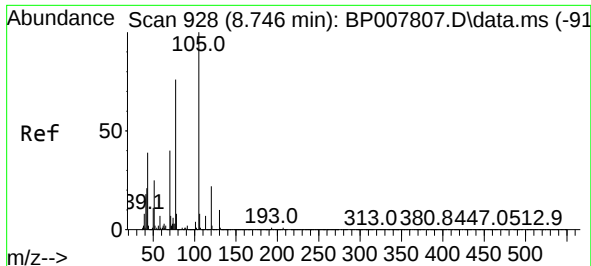
Tgt Ion: 70 Resp: 53493
Ion Ratio Lower Upper
70 100
42 82.4 46.2 69.2#
101 0.4 7.7 11.5#
130 0.0 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion:136 Resp: 405979
Ion Ratio Lower Upper
136 100
137 12.8 8.6 13.0
54 8.5 6.2 9.4
68 6.3 4.7 7.1

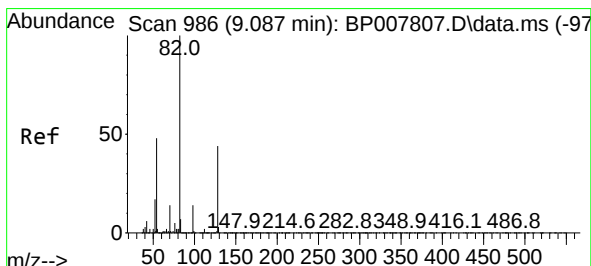
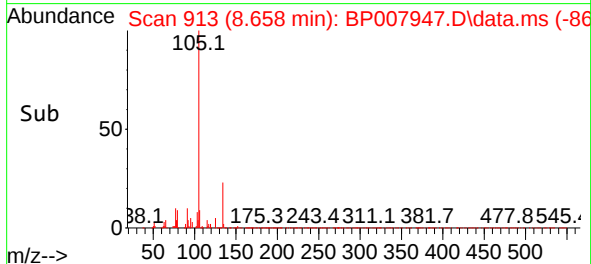
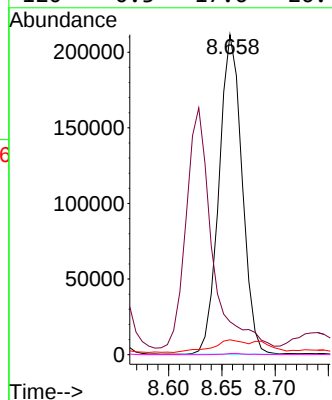
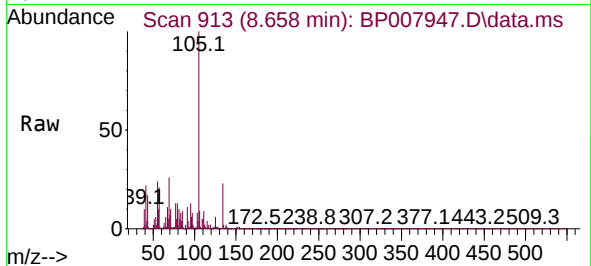




#22
Acetophenone
Concen: 30.943 ng
RT: 8.658 min Scan# 913
Delta R.T. -0.018 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

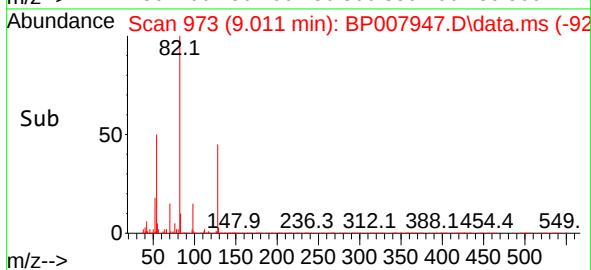
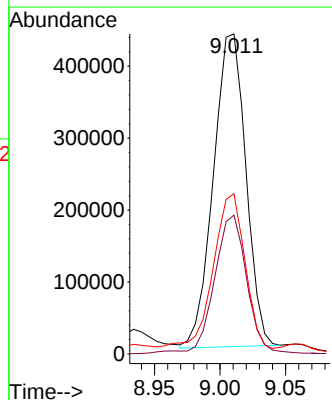
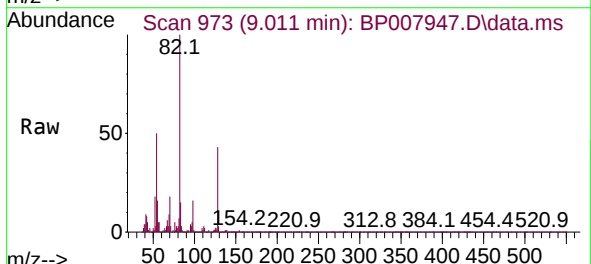
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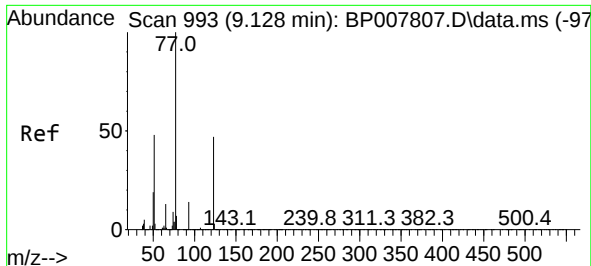
Tgt Ion:105 Resp: 316526
Ion Ratio Lower Upper
105 100
71 10.3 4.5 6.7#
51 4.7 21.8 32.8#
120 0.3 17.6 26.4#



#23
Nitrobenzene-d5
Concen: 99.131 ng
RT: 9.011 min Scan# 973
Delta R.T. 0.000 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion: 82 Resp: 749200
Ion Ratio Lower Upper
82 100
128 43.4 32.6 48.8
54 50.1 40.4 60.6

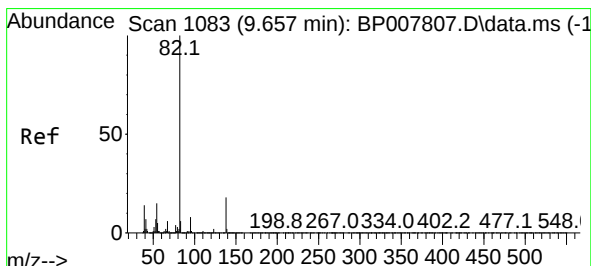
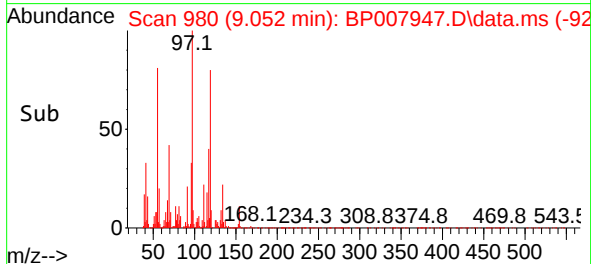
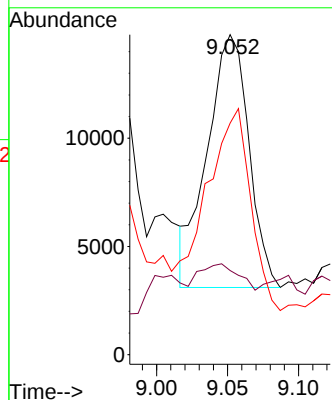
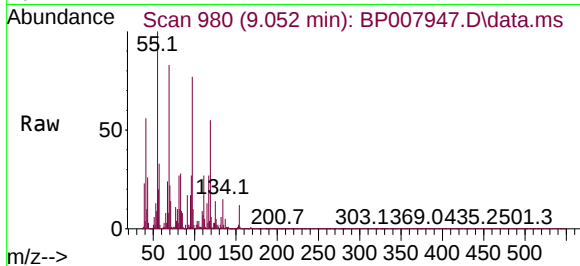




#24
Nitrobenzene
Concen: 3.319 ng
RT: 9.052 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

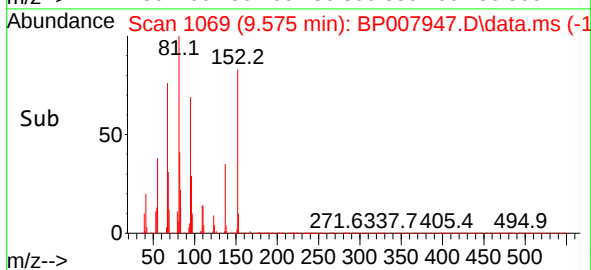
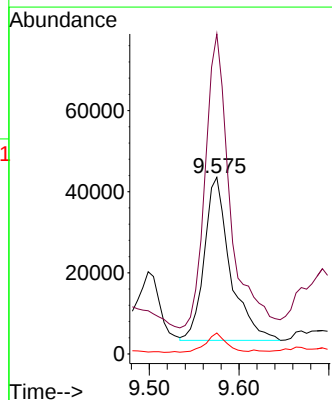
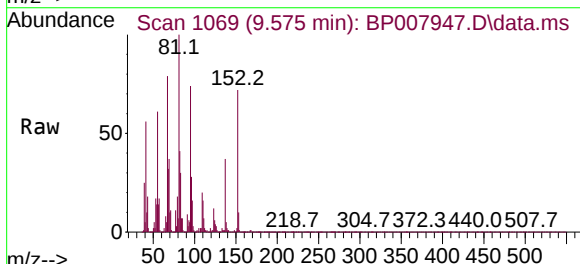
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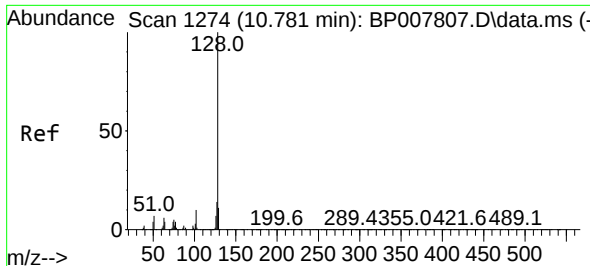
Tgt Ion: 77 Resp: 23873
Ion Ratio Lower Upper
77 100
123 26.3 35.3 52.9#
65 72.4 10.9 16.3#



#25
Isophorone
Concen: 5.903 ng
RT: 9.575 min Scan# 1069
Delta R.T. -0.012 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion: 82 Resp: 81078
Ion Ratio Lower Upper
82 100
95 181.2 6.2 9.2#
138 11.9 14.0 21.0#

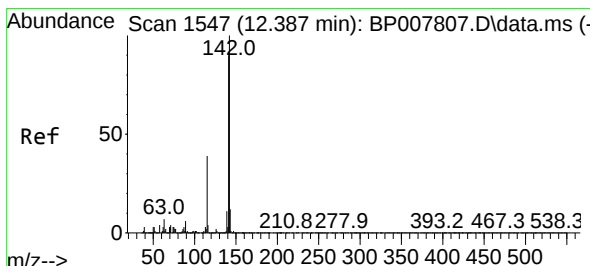
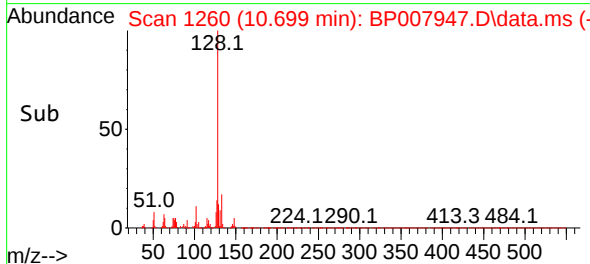
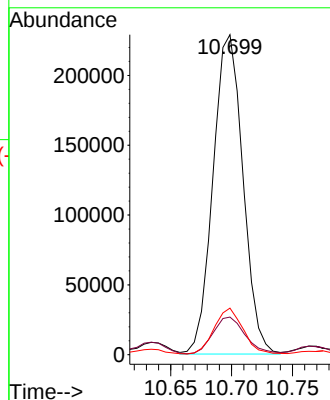
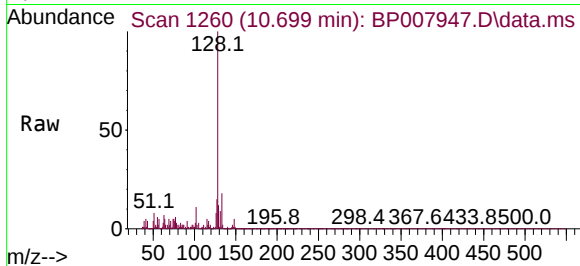




#31
Naphthalene
Concen: 19.074 ng
RT: 10.699 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

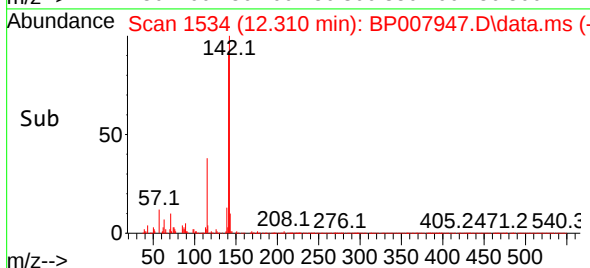
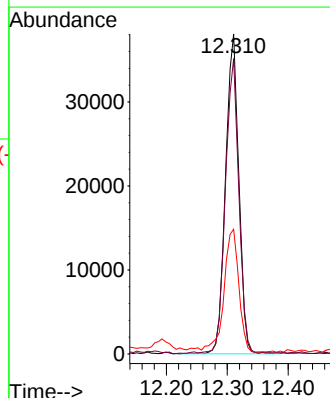
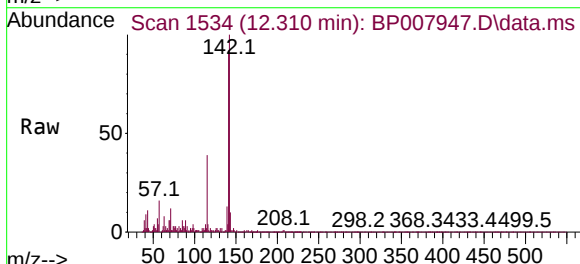
Instrument :
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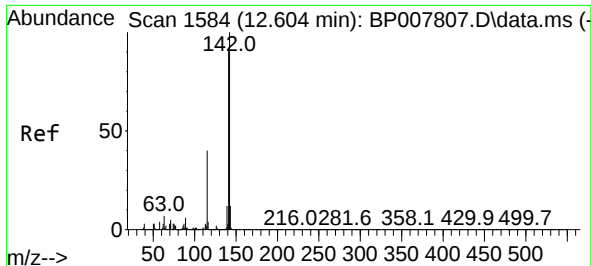
Tgt Ion:128 Resp: 391721
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.6 10.2 15.4



#37
2-Methylnaphthalene
Concen: 3.812 ng
RT: 12.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion:142 Resp: 57741
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.0
115 39.0 29.5 44.3

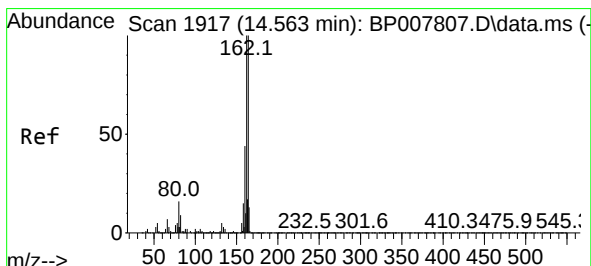
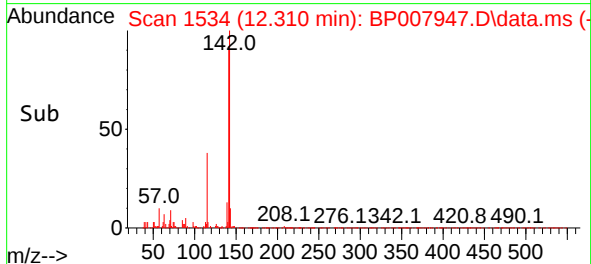
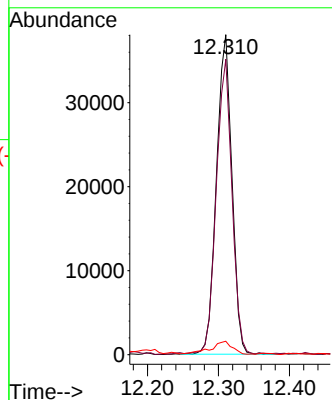
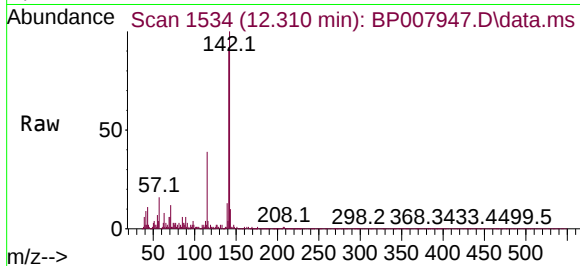




#38
1-Methylnaphthalene
Concen: 3.868 ng
RT: 12.310 min Scan# 11
Delta R.T. -0.223 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

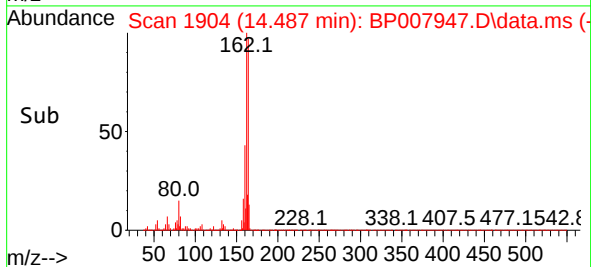
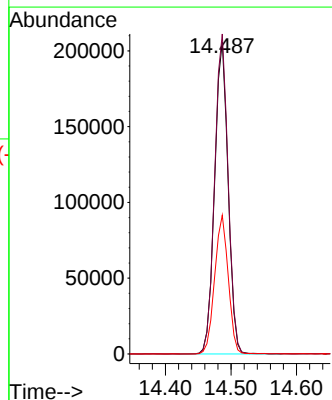
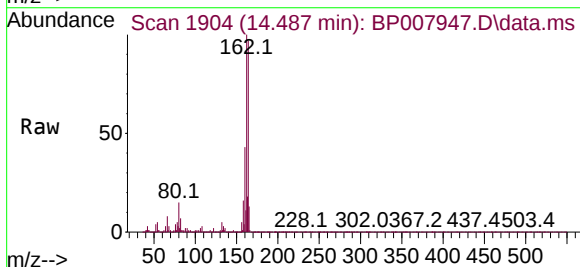
Instrument :
BNA_P
ClientSampleId :
SB-13W-25.5-26

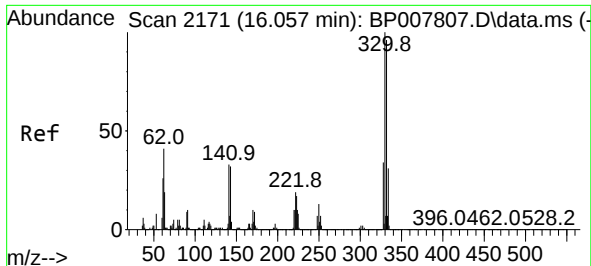
Tgt Ion:142 Resp: 57406
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 4.2 3.4 5.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion:164 Resp: 293528
Ion Ratio Lower Upper
164 100
162 102.6 81.1 121.7
160 44.5 36.0 54.0

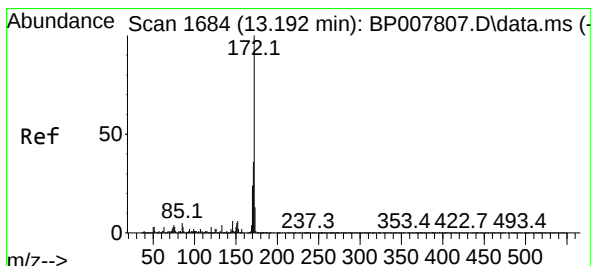
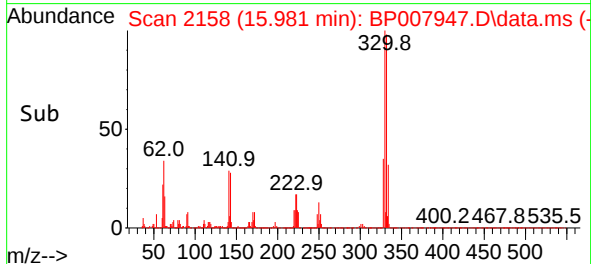
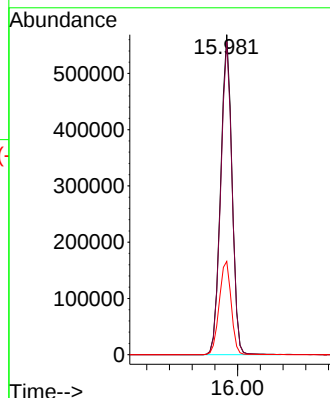
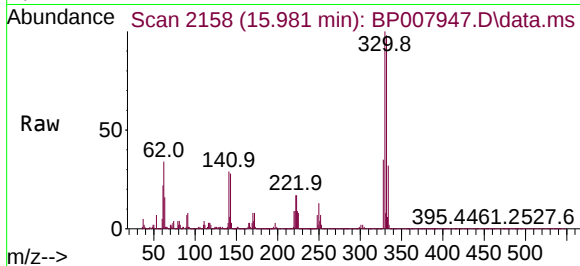




#42
2,4,6-Tribromophenol
Concen: 188.173 ng
RT: 15.981 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

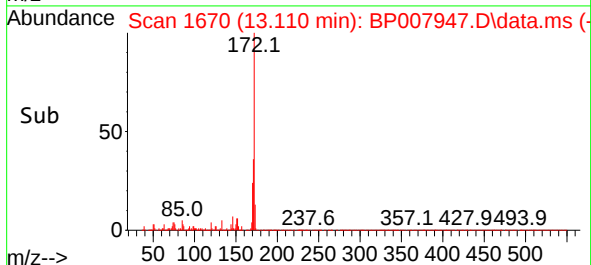
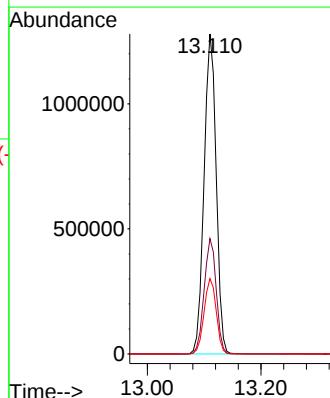
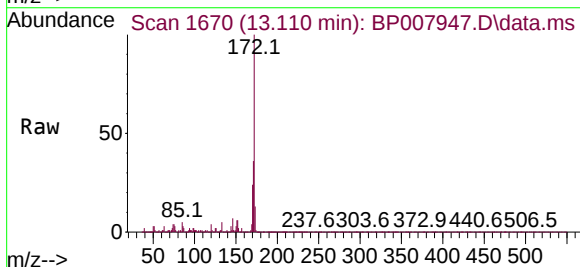
Instrument :
BNA_P
ClientSampleId :
SB-13W-25.5-26

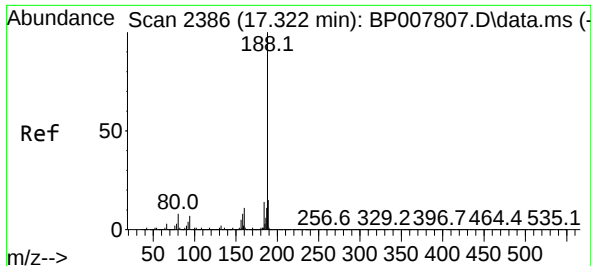
Tgt Ion:330 Resp: 788269
Ion Ratio Lower Upper
330 100
332 97.5 78.9 118.3
141 30.7 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 93.637 ng
RT: 13.110 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion:172 Resp: 1887356
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.6 19.0 28.4

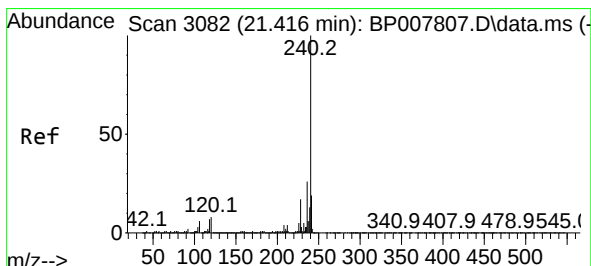
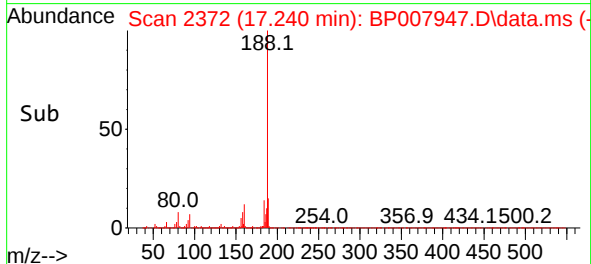
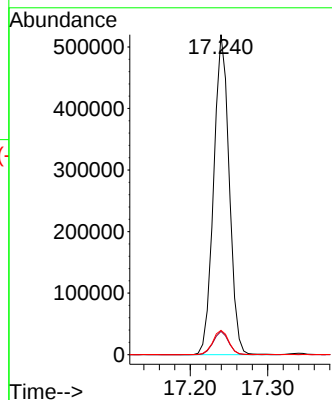
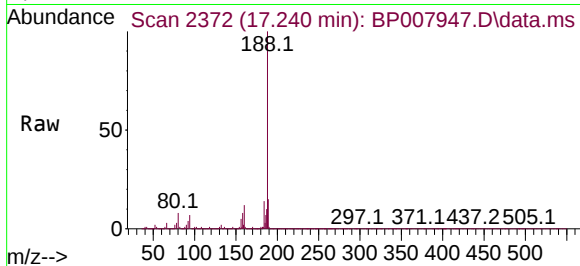




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.240 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

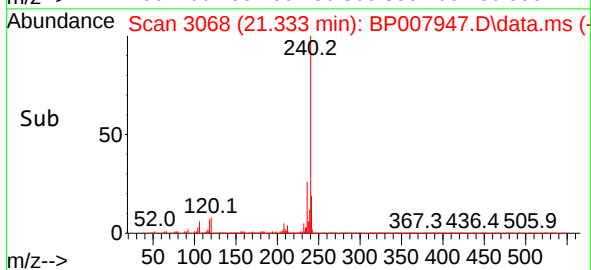
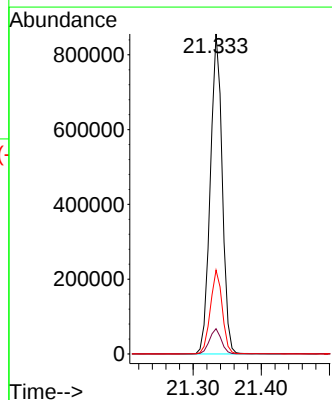
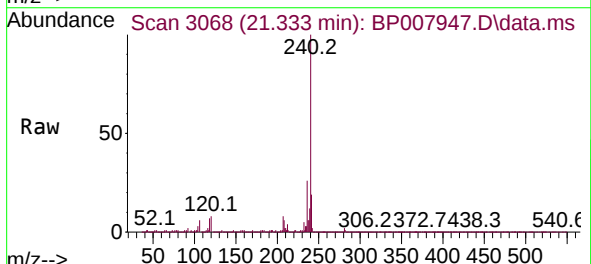
Instrument :
BNA_P
ClientSampleId :
SB-13W-25.5-26

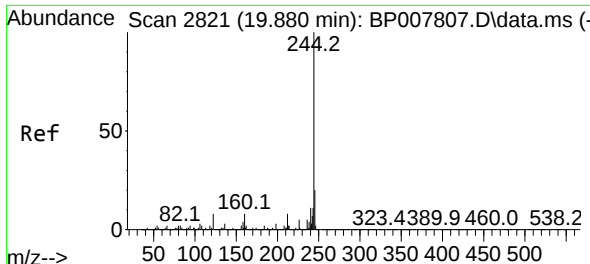
Tgt Ion:188 Resp: 722004
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.6 7.8 11.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP007947.D
Acq: 11 Nov 2021 16:06

Tgt Ion:240 Resp: 1039816
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.8
236 26.2 20.6 30.8

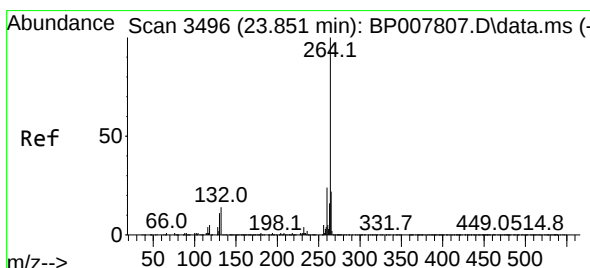
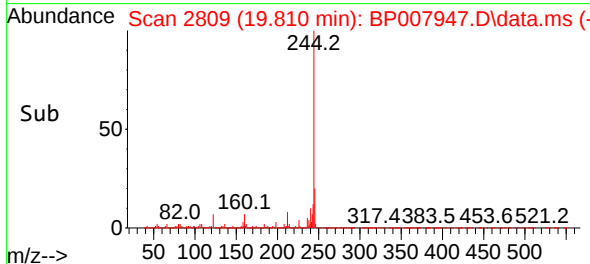
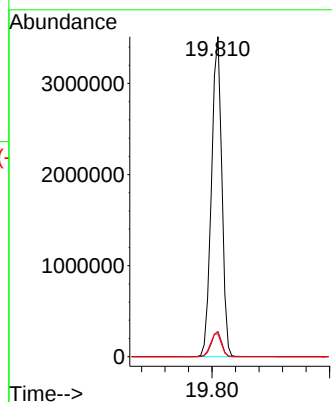
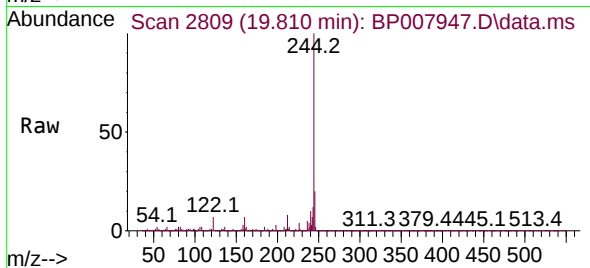




#79
 Terphenyl-d14
 Concen: 83.848 ng
 RT: 19.810 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP007947.D
 Acq: 11 Nov 2021 16:06

Instrument :
 BNA_P
 ClientSampleId :
 SB-13W-25.5-26

Tgt Ion:244 Resp: 4281649
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BP007947.D
 Acq: 11 Nov 2021 16:06

Tgt Ion:264 Resp: 1278886
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 16.7 25.1

