

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007040.D
 Acq On : 17 Sep 2021 23:02
 Operator : CG/JU
 Sample : M3791-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 18 00:58:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

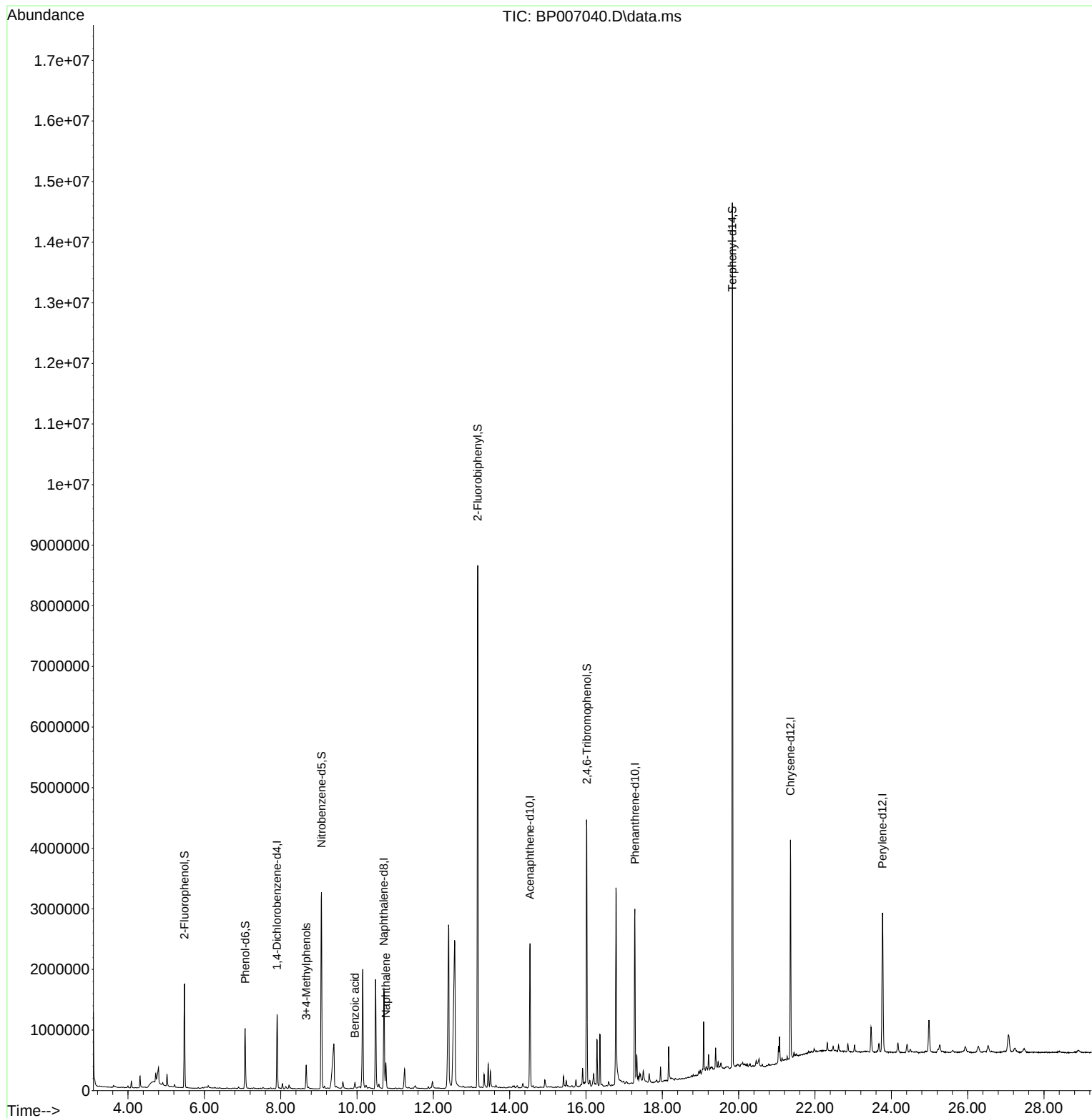
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	346230	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1368144	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	838539	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1717822	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1714272	20.000	ng	#-0.01
86) Perylene-d12	23.768	264	1763314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	795427	37.515	ng	0.00
7) Phenol-d6	7.069	99	599795	20.725	ng	0.00
23) Nitrobenzene-d5	9.069	82	1882494	77.280	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	839844	83.282	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4594154	75.635	ng	0.00
79) Terphenyl-d14	19.833	244	6644516	74.366	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.063	77	2127	Below Cal	#	36
20) 3+4-Methylphenols	8.669	107	180218	7.105	ng	88
31) Naphthalene	10.757	128	326837	4.311	ng	100
32) Benzoic acid	9.946	122	36636	8.312	ng	98

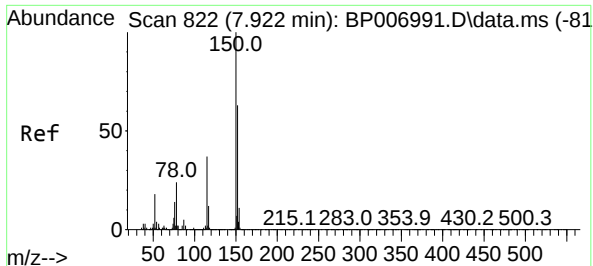
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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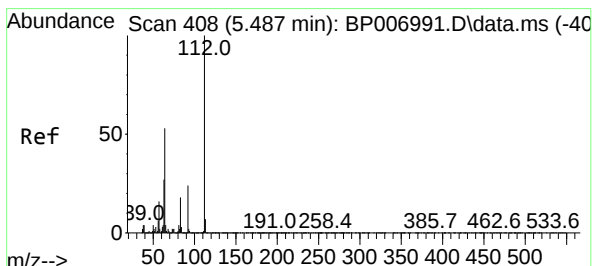
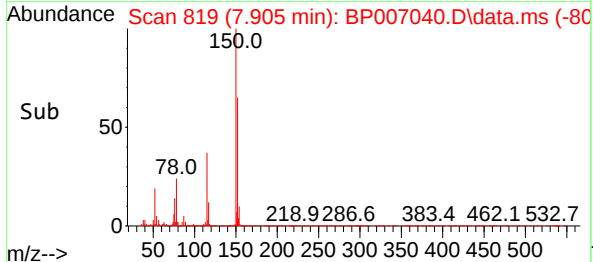
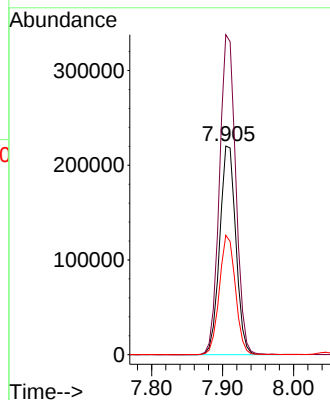
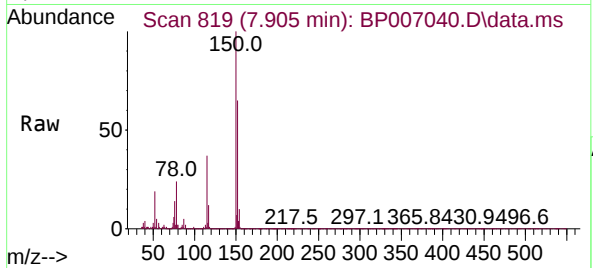




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

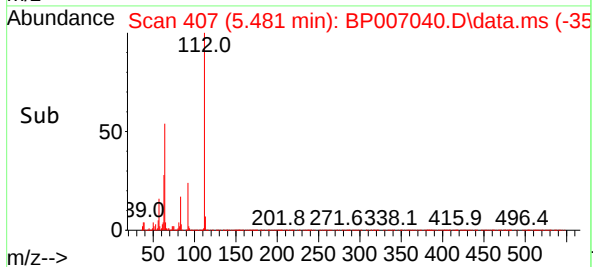
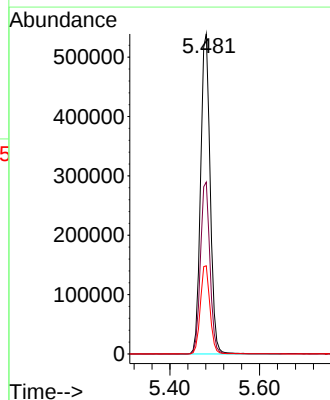
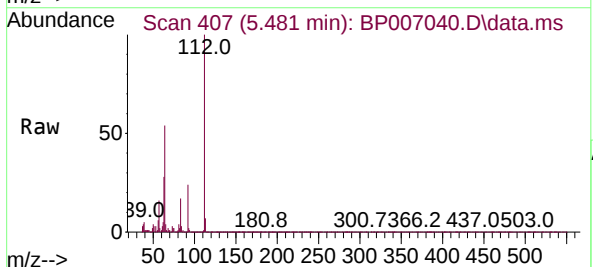
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

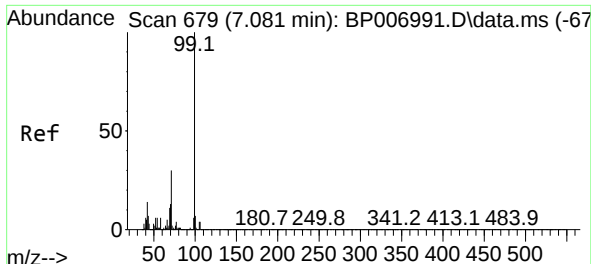
Tgt Ion:152 Resp: 346230
Ion Ratio Lower Upper
152 100
150 153.3 125.6 188.4
115 57.2 48.5 72.7



#5
2-Fluorophenol
Concen: 37.515 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:112 Resp: 795427
Ion Ratio Lower Upper
112 100
64 53.7 41.4 62.2
63 27.5 23.8 35.8

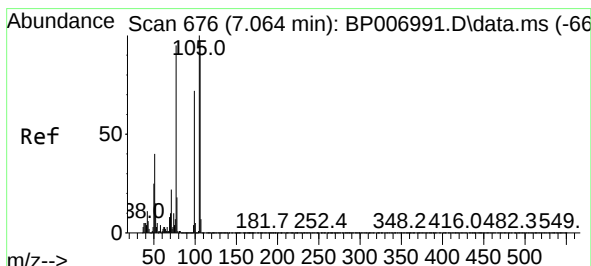
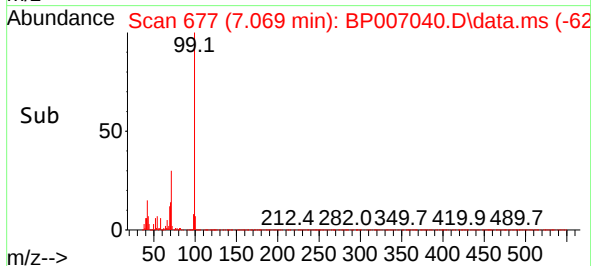
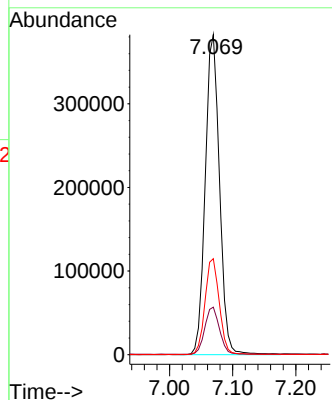
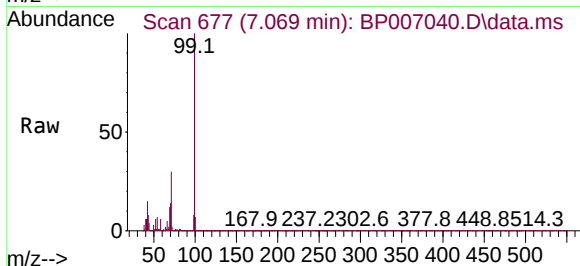




#7
Phenol-d6
Concen: 20.725 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

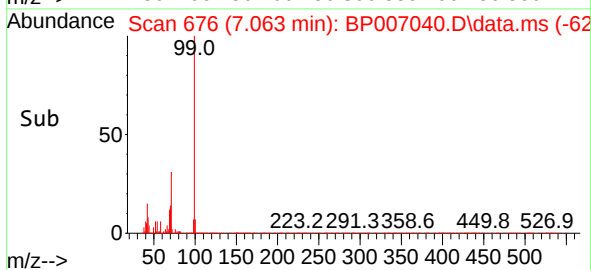
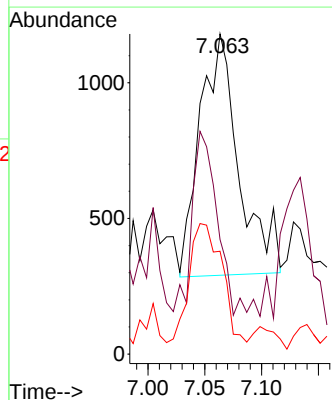
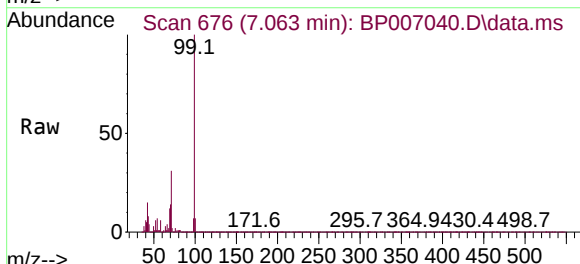
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

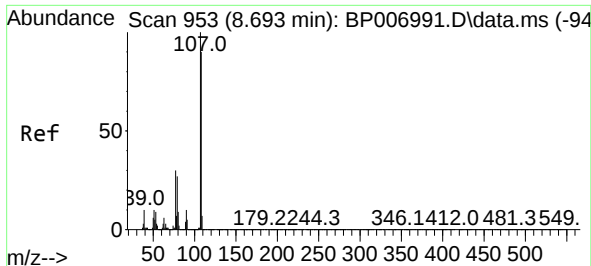
Tgt Ion: 99 Resp: 599795
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 30.0 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.063 min Scan# 676
Delta R.T. 0.018 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion: 77 Resp: 2127
Ion Ratio Lower Upper
77 100
105 35.8 76.7 116.7#
106 32.1 76.2 116.2#

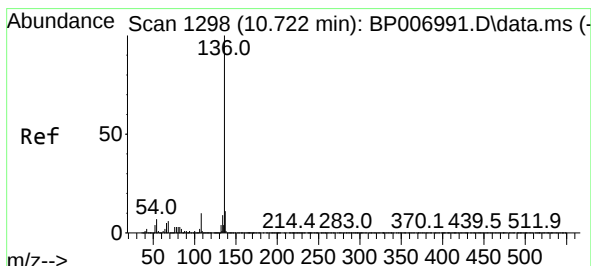
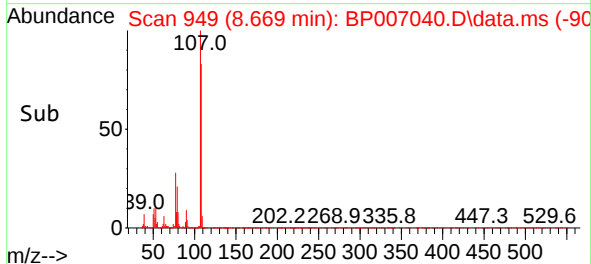
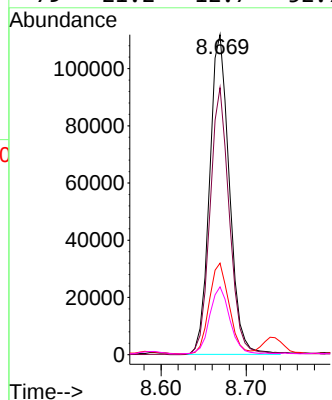
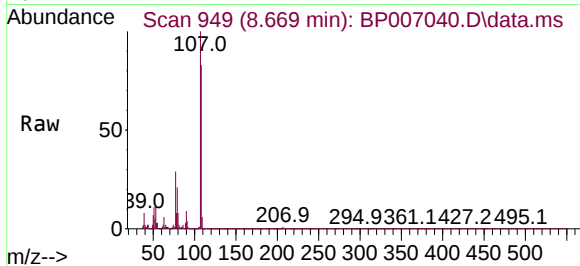




#20
3+4-Methylphenols
Concen: 7.105 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

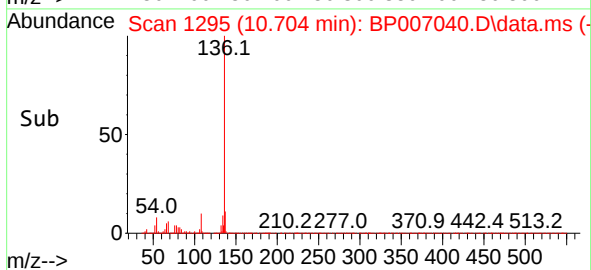
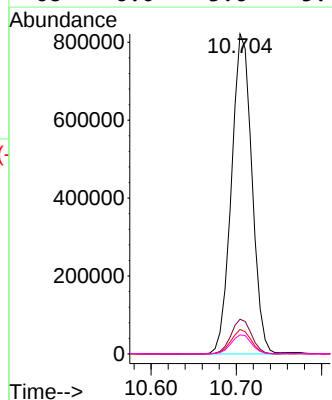
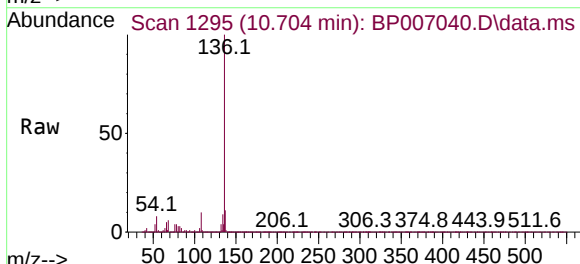
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

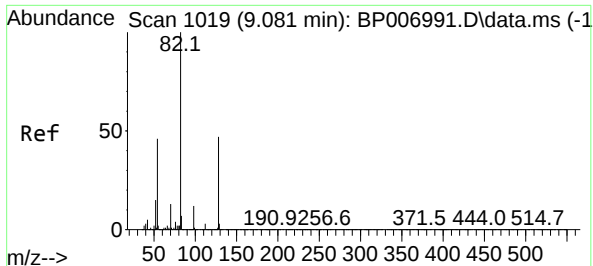
Tgt Ion:	107	Resp:	180218
Ion	Ratio	Lower	Upper
107	100		
108	83.5	71.0	111.0
77	28.6	16.6	56.6
79	21.2	12.7	52.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:	136	Resp:	1368144
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	4.6	6.8#
68	6.0	3.6	5.4#



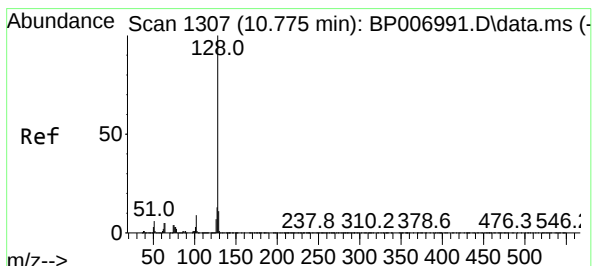
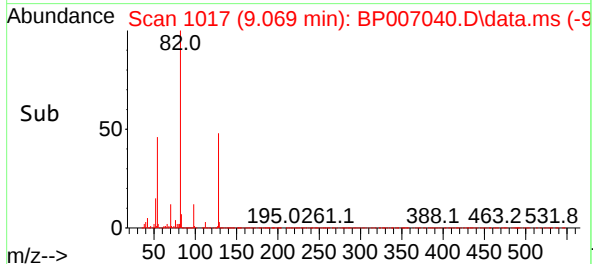
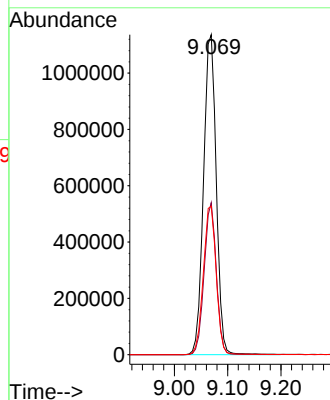
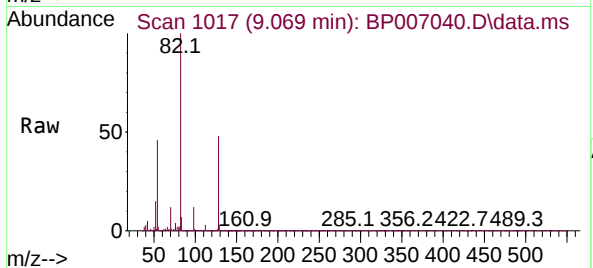


#23
Nitrobenzene-d5
Concen: 77.280 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Instrument :
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ClientSampleId :
SW-RR-02-(1.0)

Tgt Ion: 82 Resp: 1882494

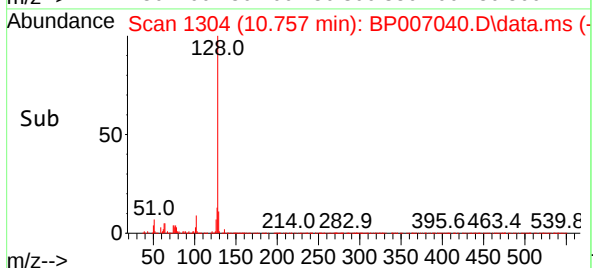
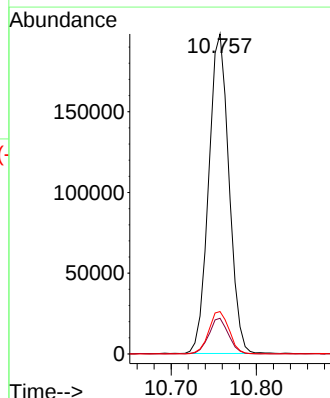
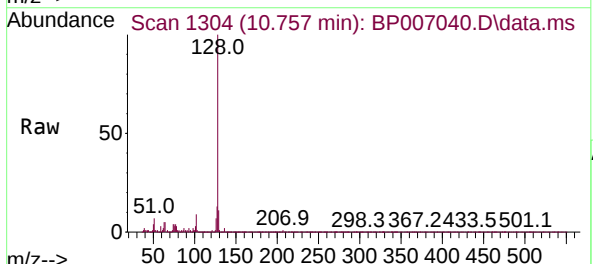
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.7	53.5
54	46.4	35.0	52.4

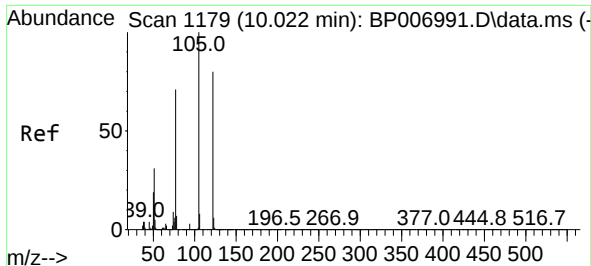


#31
Naphthalene
Concen: 4.311 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:128 Resp: 326837

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.7	16.1

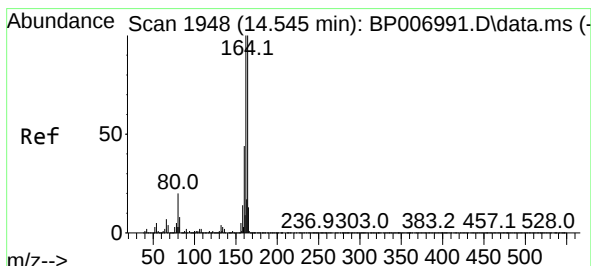
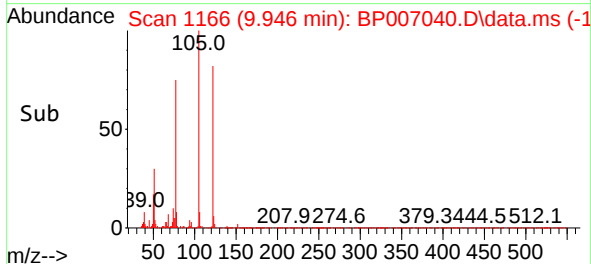
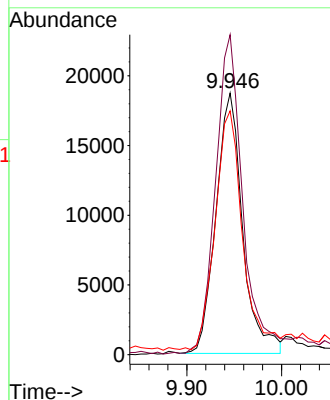
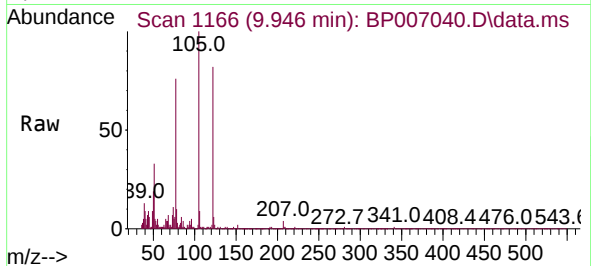




#32
Benzoic acid
Concen: 8.312 ng
RT: 9.946 min Scan# 1166
Delta R.T. -0.065 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

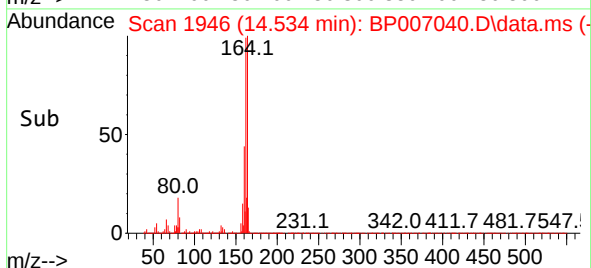
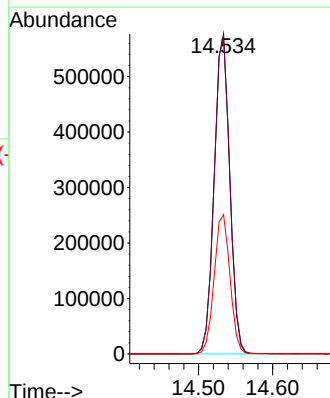
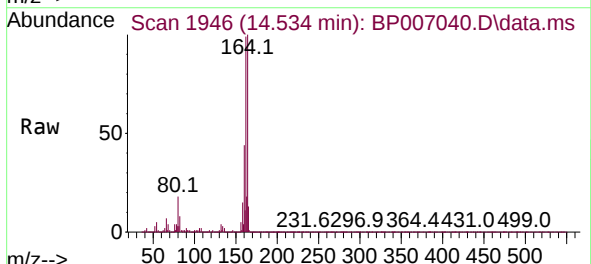
Instrument :
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ClientSampleId :
SW-RR-02-(1.0)

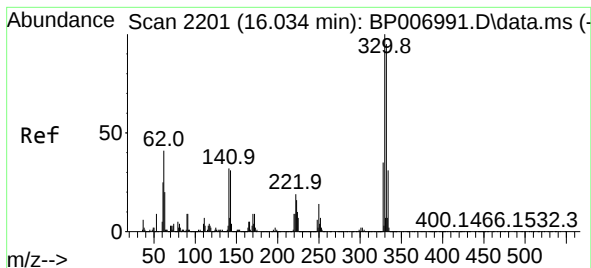
Tgt Ion:122 Resp: 36636
Ion Ratio Lower Upper
122 100
105 122.3 103.2 143.2
77 93.2 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:164 Resp: 838539
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 43.5 34.5 51.7

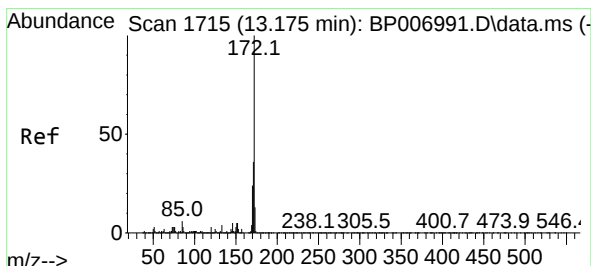
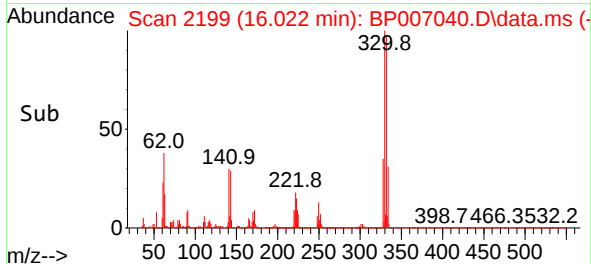
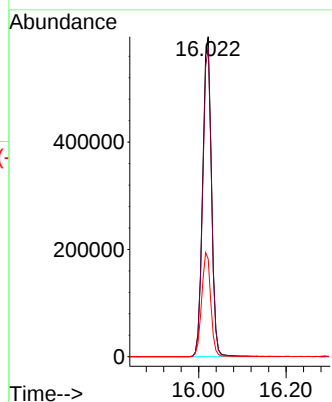
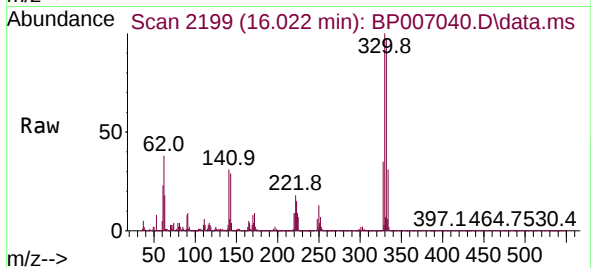




#42
2,4,6-Tribromophenol
Concen: 83.282 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

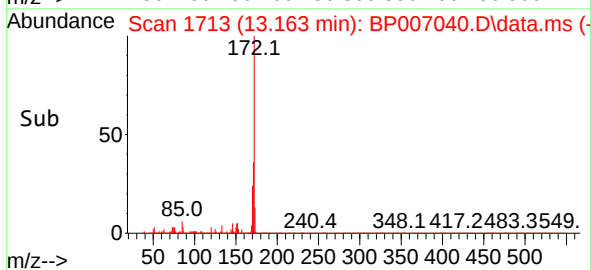
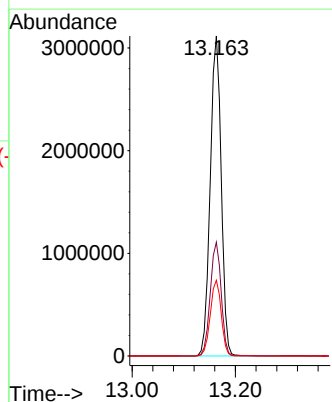
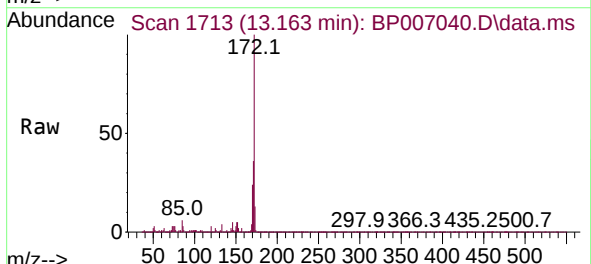
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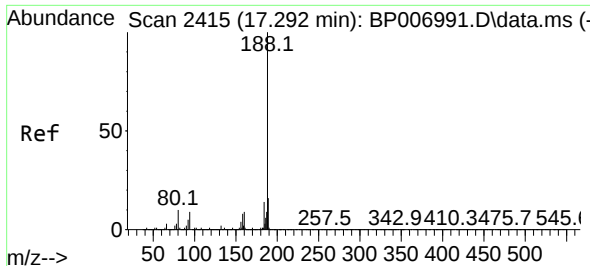
Tgt Ion:330 Resp: 839844
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 33.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 75.635 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:172 Resp: 4594154
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 18.6 27.8

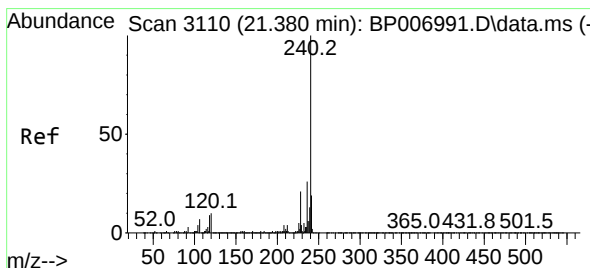
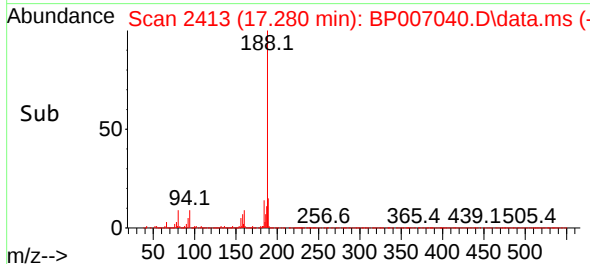
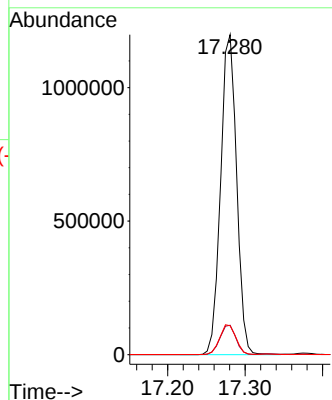
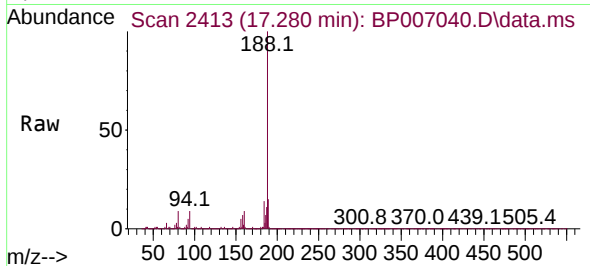




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

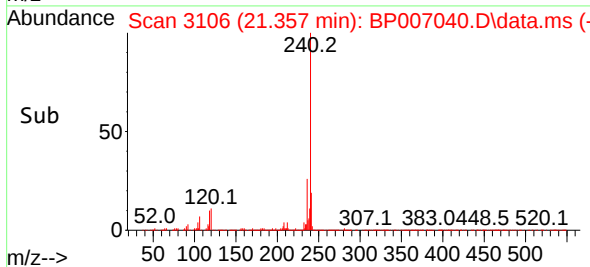
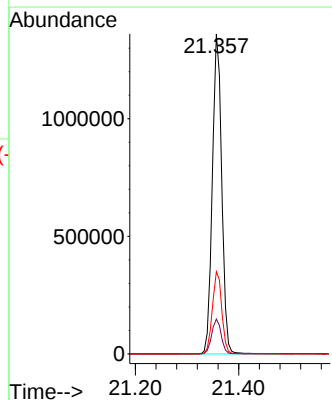
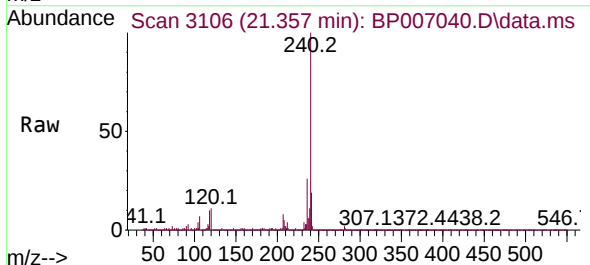
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

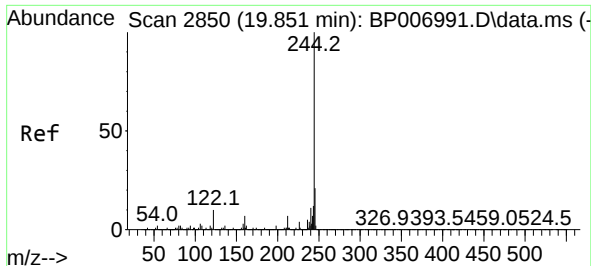
Tgt Ion:188 Resp: 1717822
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 9.1 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007040.D
Acq: 17 Sep 2021 23:02

Tgt Ion:240 Resp: 1714272
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 25.7 20.6 31.0

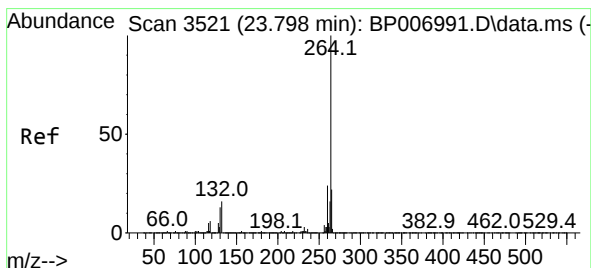
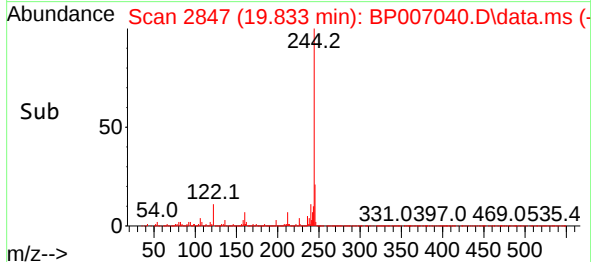
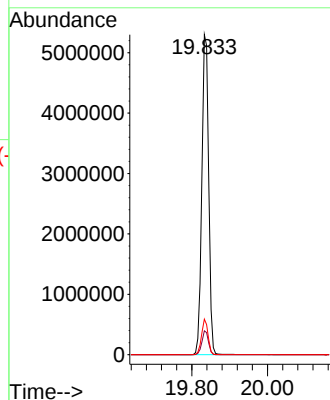
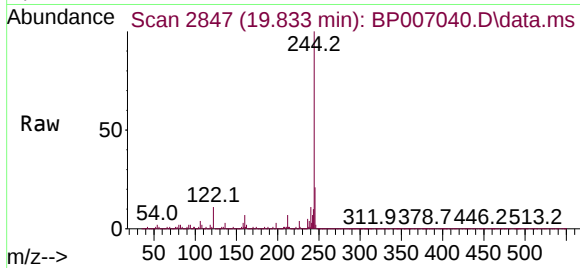




#79
 Terphenyl-d14
 Concen: 74.366 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP007040.D
 Acq: 17 Sep 2021 23:02

Instrument :
 BNA_P
 ClientSampleId :
 SW-RR-02-(1.0)

Tgt Ion:244 Resp: 6644516
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.012 min
 Lab File: BP007040.D
 Acq: 17 Sep 2021 23:02

Tgt Ion:264 Resp: 1763314
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.2 17.6 26.4

