

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004087.D
 Acq On : 24 Nov 2020 21:34
 Operator : CG/JU
 Sample : L4873-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-01-112320

Quant Time: Nov 25 00:00:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

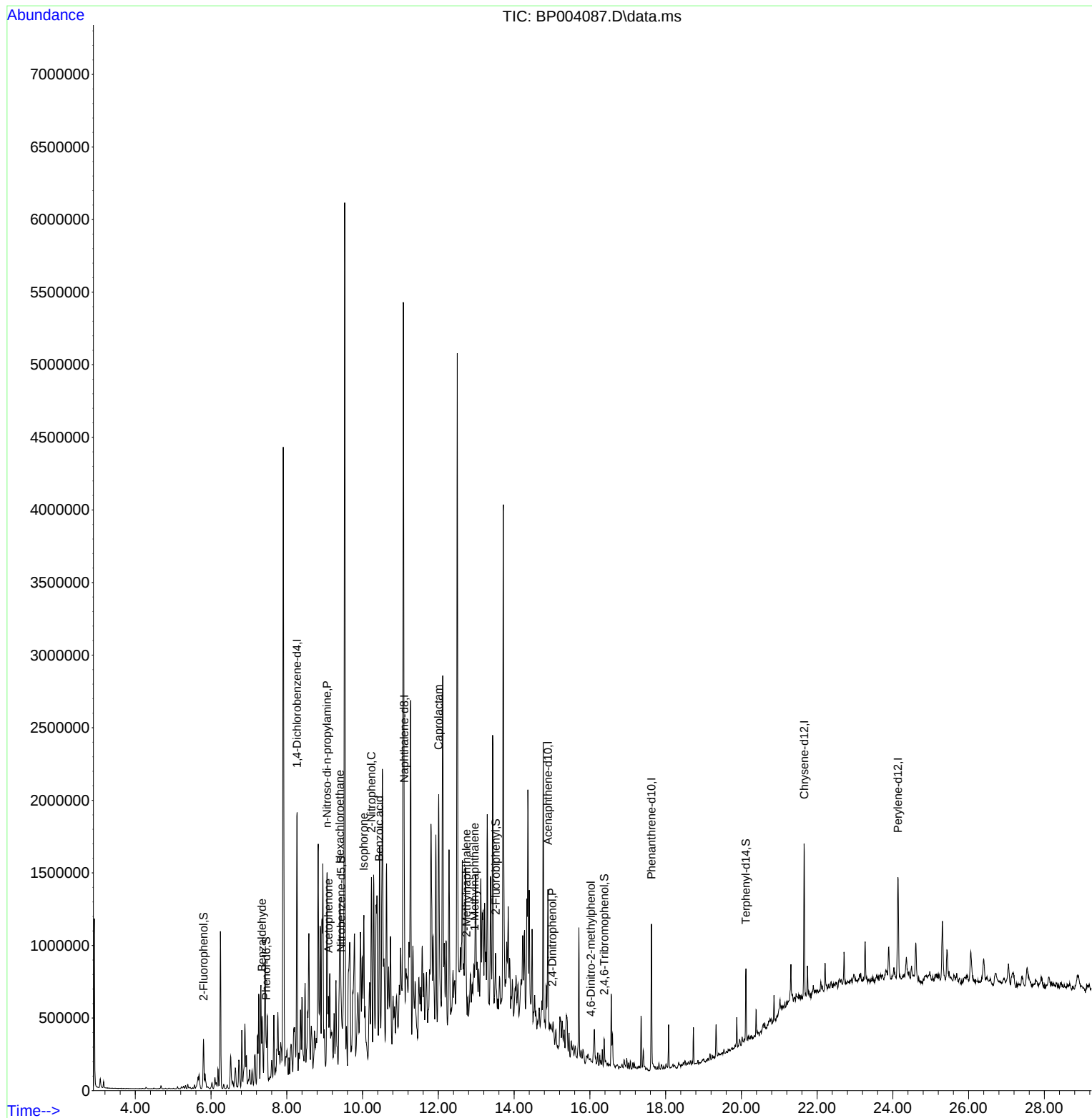
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	123914	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	462638	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	288735	20.00	ng	0.00
64) Phenanthrene-d10	17.627	188	590065	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	536014	20.00	ng	0.00
86) Perylene-d12	24.133	264	567618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	99872	13.45	ng	0.00
7) Phenol-d6	7.457	99	133450	12.52	ng	0.00
23) Nitrobenzene-d5	9.434	82	123566	13.08	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	40869	11.32	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	168584	8.16	ng	0.00
79) Terphenyl-d14	20.121	244	214444	7.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.346	77	34101	4.32	ng	# 1
18) Hexachloroethane	9.398	117	72845	21.05	ng	# 1
19) n-Nitroso-di-n-propyla...	9.063	70	31300	4.91	ng	# 13
22) Acetophenone	9.098	105	237100	19.09	ng	# 62
25) Isophorone	10.034	82	93312	5.82	ng	# 1
26) 2-Nitrophenol	10.234	139	7835	2.14	ng	# 1
32) Benzoic acid	10.440	122	935	8.49	ng	# 1
35) Caprolactam	12.010	113	20607	9.05	ng	# 1
37) 2-Methylnaphthalene	12.739	142	74249	4.18	ng	# 93
38) 1-Methylnaphthalene	12.957	142	53048	3.13	ng	# 99
54) 2,4-Dinitrophenol	15.010	184	66	2.77	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.028	198	116	6.37	ng	# 1

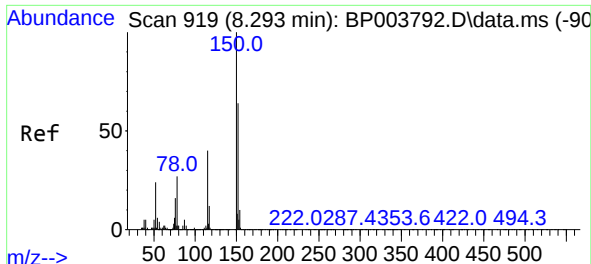
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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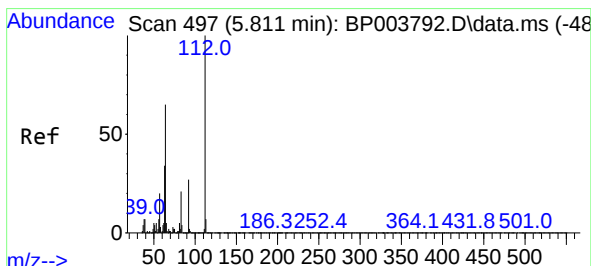
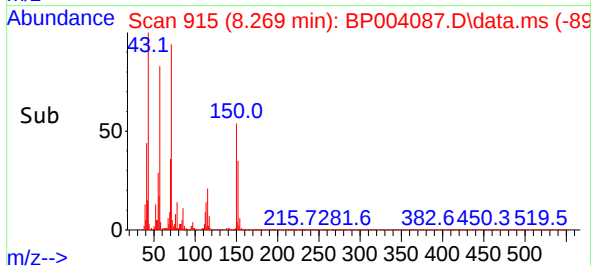
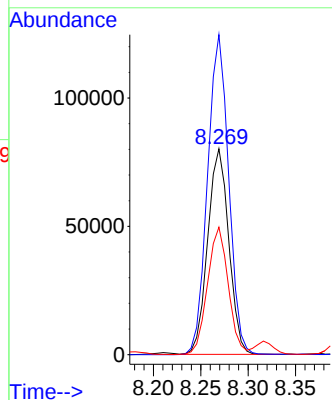
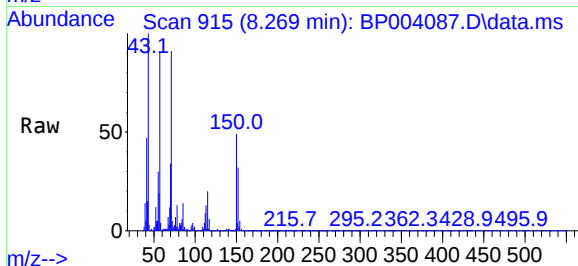




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

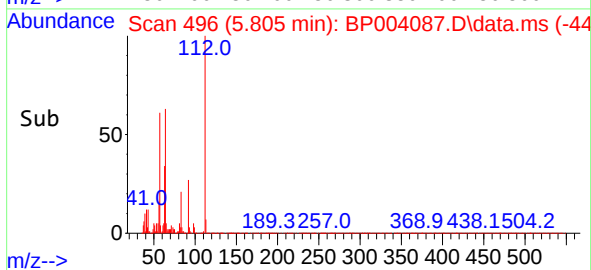
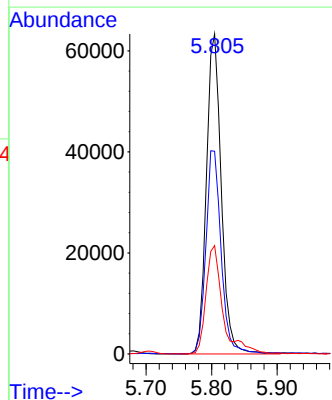
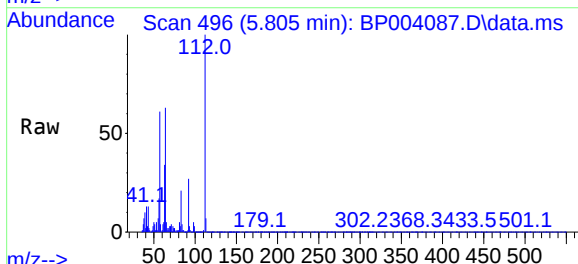
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

Tgt Ion:152 Resp: 123914
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 13.45 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:112 Resp: 99872
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 33.8 17.0 25.4#

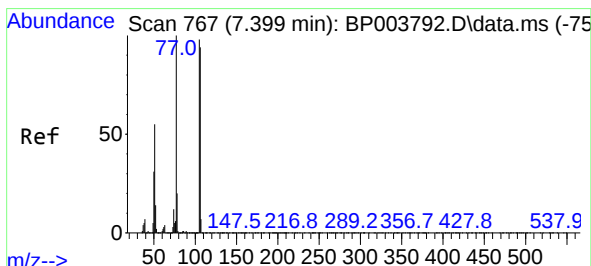
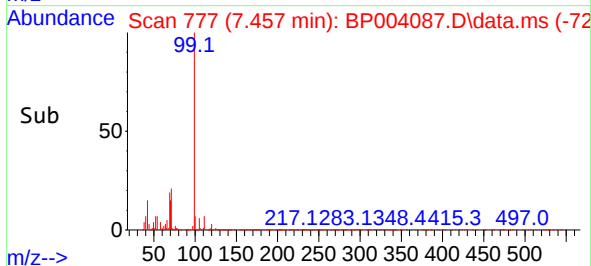
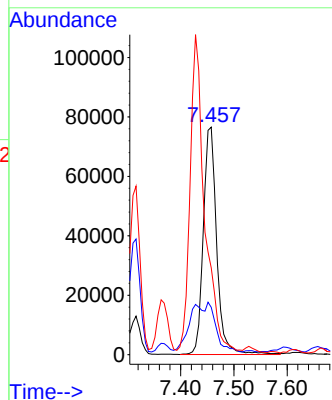
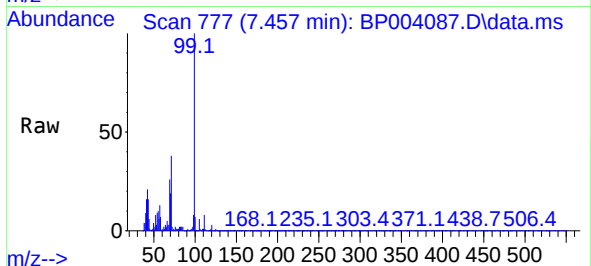




#7
Phenol-d6
Concen: 12.52 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

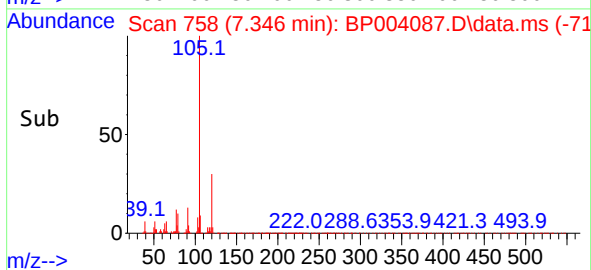
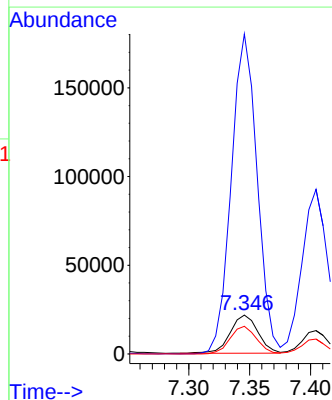
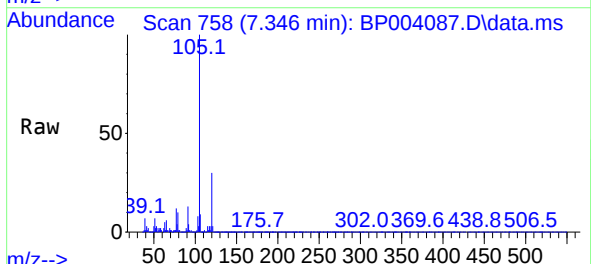
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ClientSampleId :
HR-01-112320

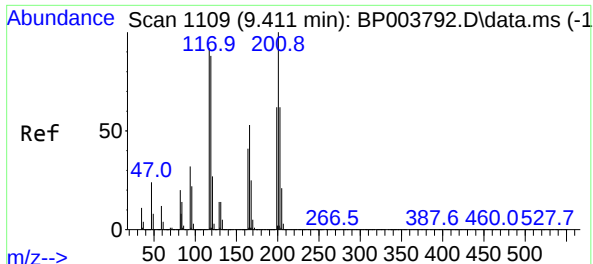
Tgt Ion: 99 Resp: 133450
Ion Ratio Lower Upper
99 100
42 20.8 8.6 13.0#
71 38.2 23.4 35.2#



#9
Benzaldehyde
Concen: 4.32 ng
RT: 7.346 min Scan# 758
Delta R.T. -0.023 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion: 77 Resp: 34101
Ion Ratio Lower Upper
77 100
105 823.7 97.1 137.1#
106 71.4 93.7 133.7#

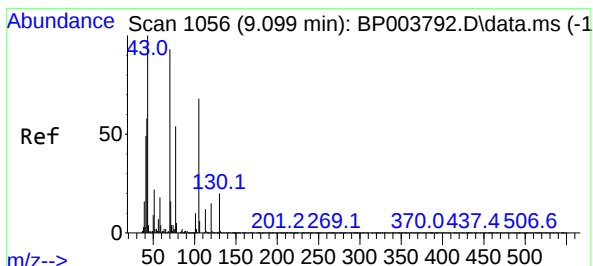
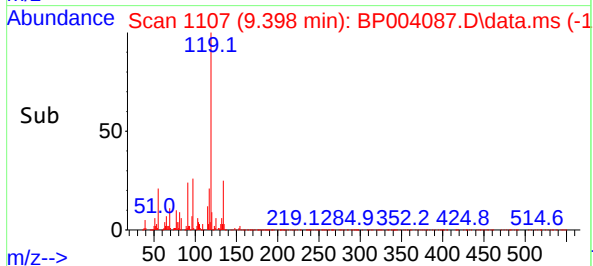
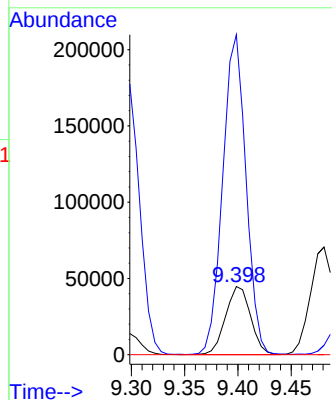
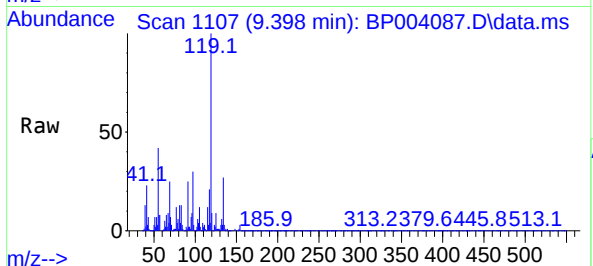




#18
Hexachloroethane
Concen: 21.05 ng
RT: 9.398 min Scan# 1107
Delta R.T. 0.024 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

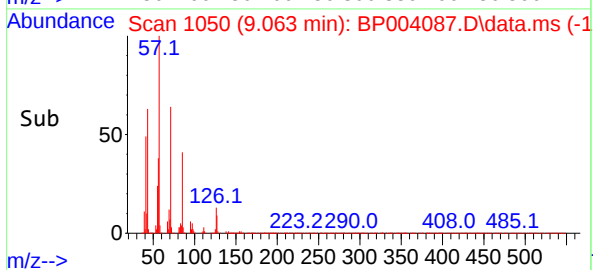
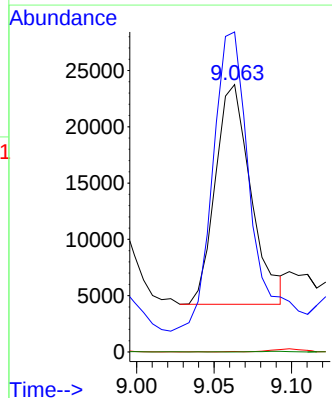
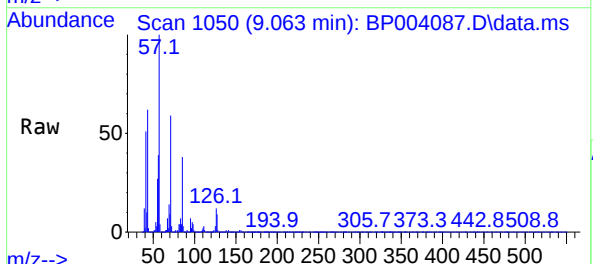
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

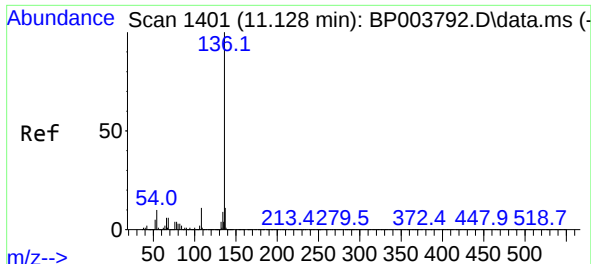
Tgt Ion:117 Resp: 72845
Ion Ratio Lower Upper
117 100
119 469.9 78.8 118.2#
201 0.0 92.3 138.5#



#19
n-Nitroso-di-n-propylamine
Concen: 4.91 ng
RT: 9.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion: 70 Resp: 31300
Ion Ratio Lower Upper
70 100
42 119.7 32.8 49.2#
101 0.2 9.6 14.4#
130 0.0 24.3 36.5#

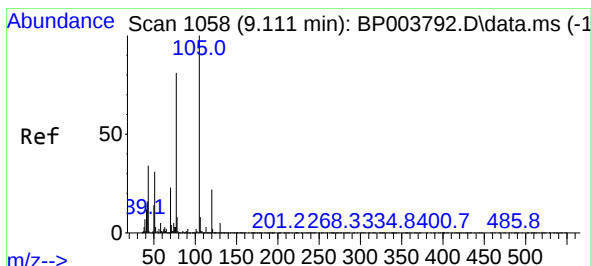
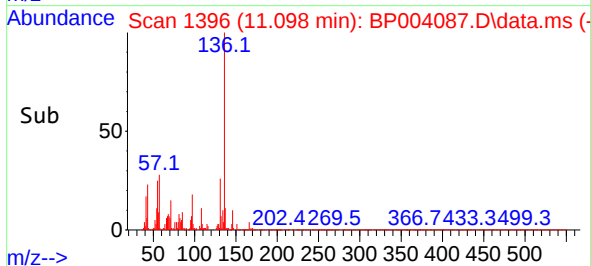
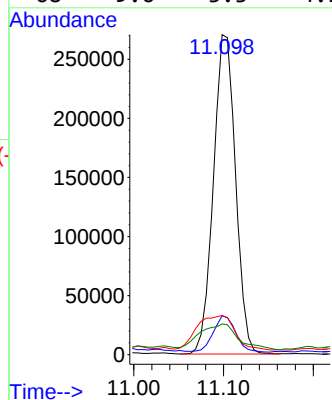
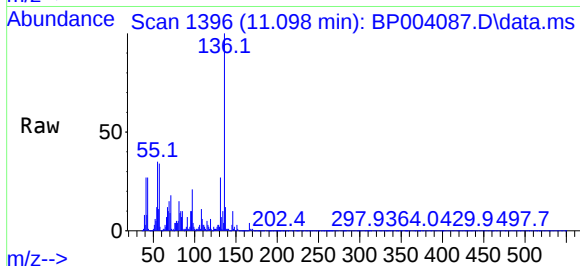




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

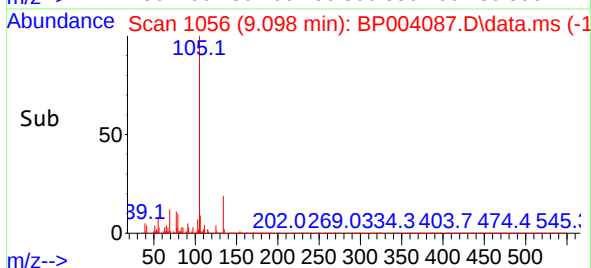
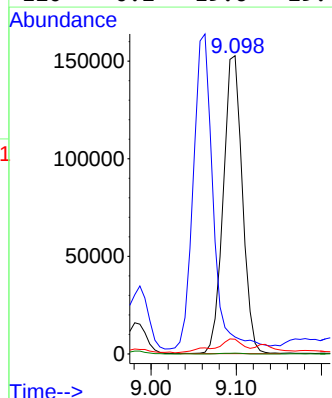
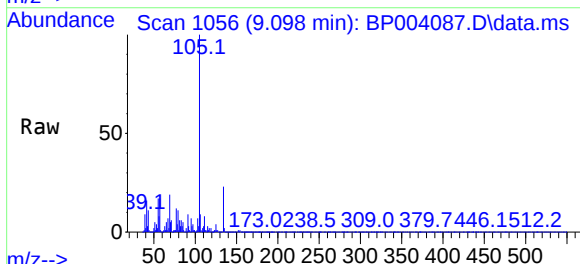
Instrument :
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ClientSampleId :
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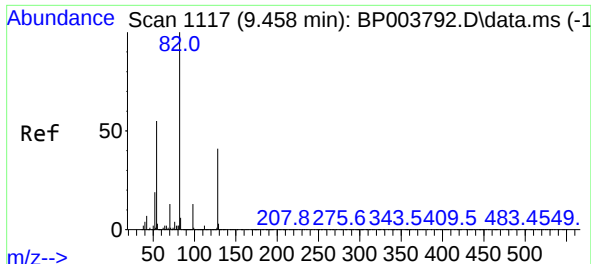
Tgt Ion:	136	Resp:	462638
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	13.0
54	12.3	3.6	5.4#
68	9.6	3.3	4.9#



#22
Acetophenone
Concen: 19.09 ng
RT: 9.098 min Scan# 1056
Delta R.T. 0.012 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:	105	Resp:	237100
Ion	Ratio	Lower	Upper
105	100		
71	5.7	2.6	3.8#
51	5.0	13.5	20.3#
120	0.2	19.6	29.4#

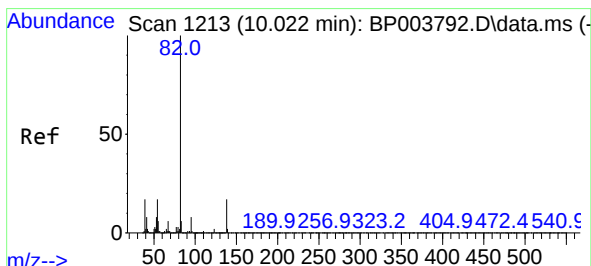
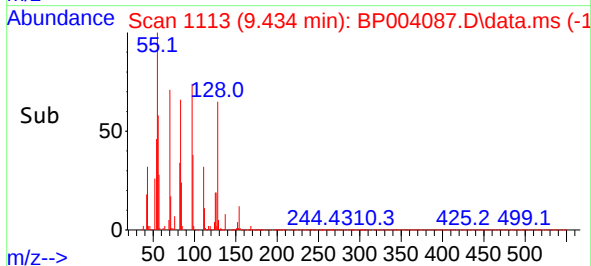
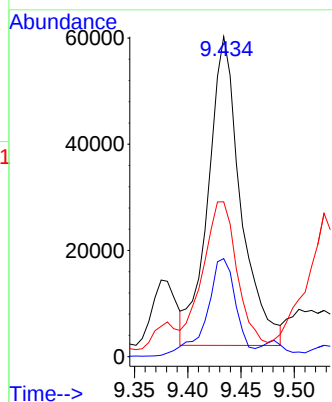
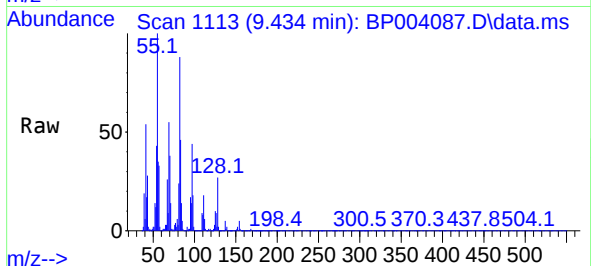




#23
Nitrobenzene-d5
Concen: 13.08 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

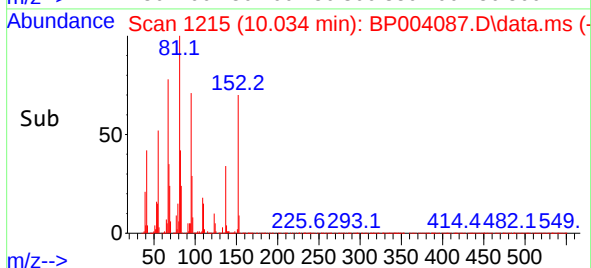
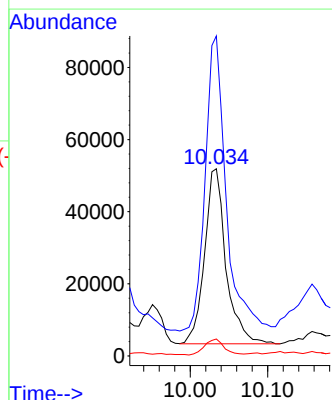
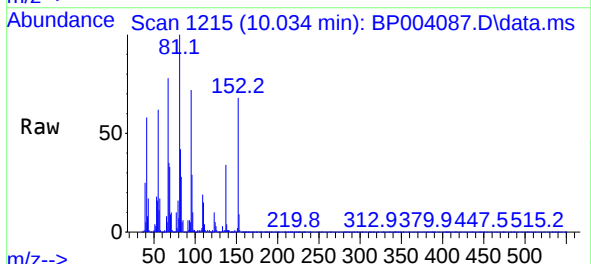
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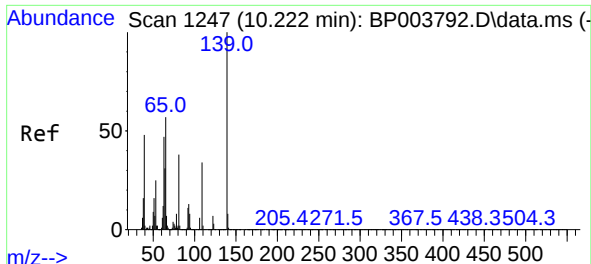
Tgt Ion: 82 Resp: 123566
Ion Ratio Lower Upper
82 100
128 30.6 45.6 68.4#
54 48.4 30.1 45.1#



#25
Isophorone
Concen: 5.82 ng
RT: 10.034 min Scan# 1215
Delta R.T. 0.035 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion: 82 Resp: 93312
Ion Ratio Lower Upper
82 100
95 171.0 6.4 9.6#
138 9.1 18.7 28.1#

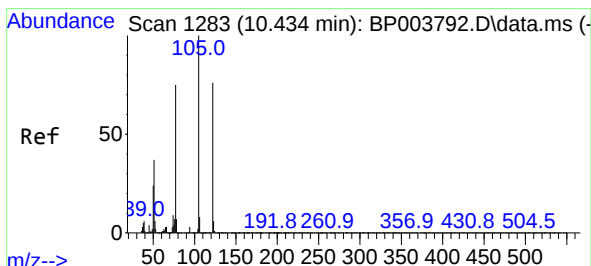
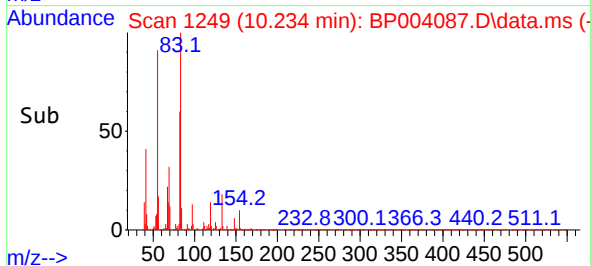
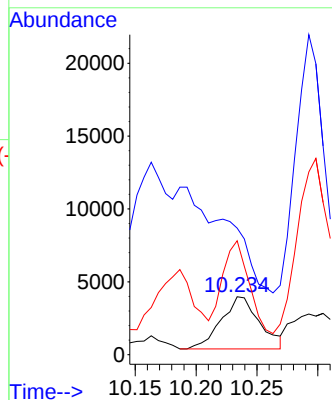
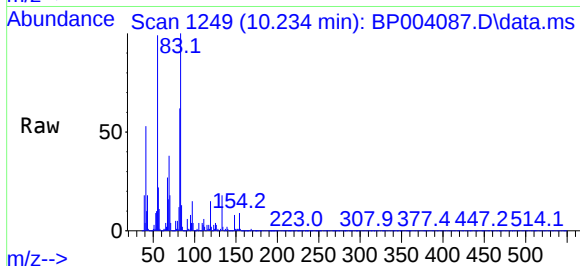




#26
2-Nitrophenol
Concen: 2.14 ng
RT: 10.234 min Scan# 1249
Delta R.T. 0.035 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

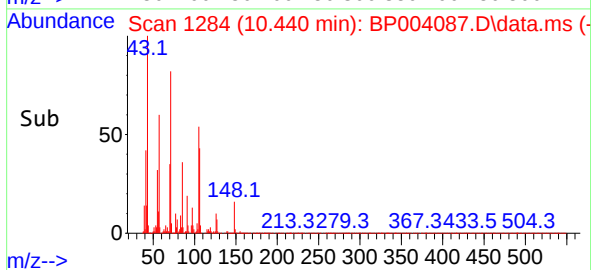
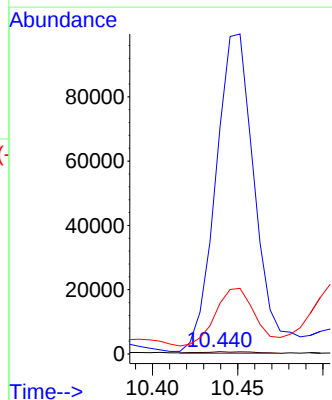
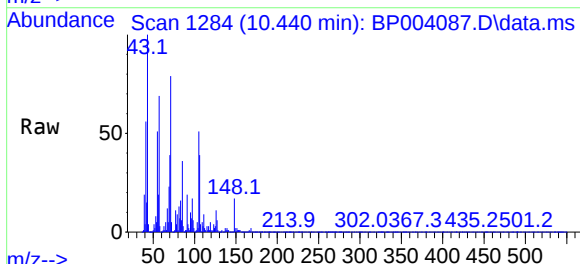
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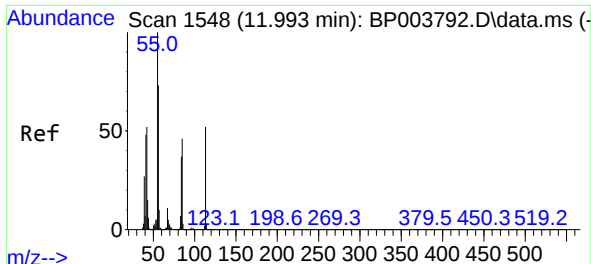
Tgt Ion:139 Resp: 7835
Ion Ratio Lower Upper
139 100
109 218.8 22.1 33.1#
65 196.9 26.5 39.7#



#32
Benzoic acid
Concen: 8.49 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:122 Resp: 935
Ion Ratio Lower Upper
122 100
105 9753.6 94.1 134.1#
77 2179.3 50.1 90.1#

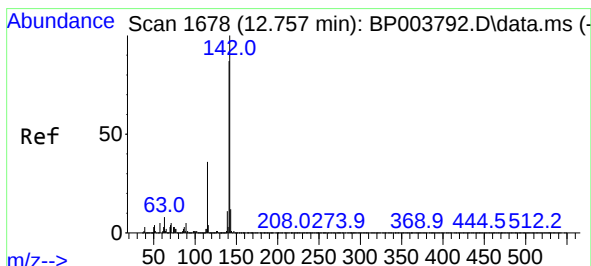
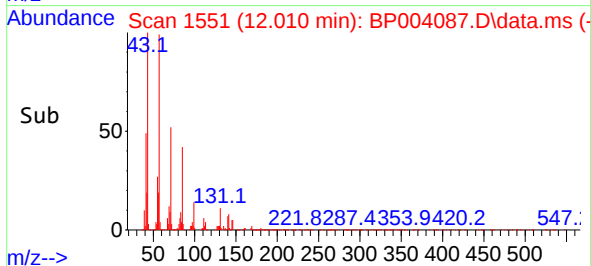
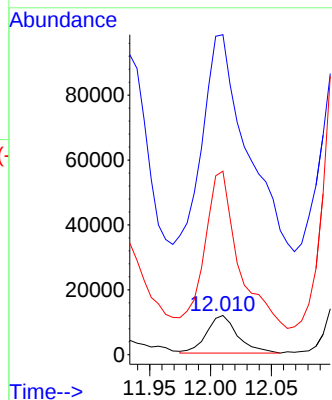
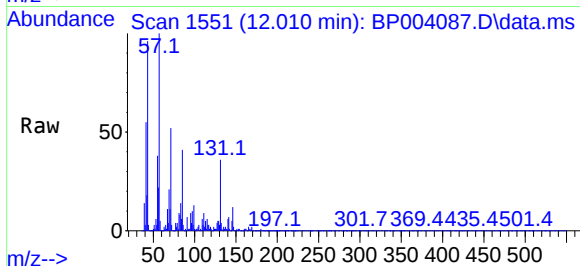




#35
Caprolactam
Concen: 9.05 ng
RT: 12.010 min Scan# 1551
Delta R.T. 0.024 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

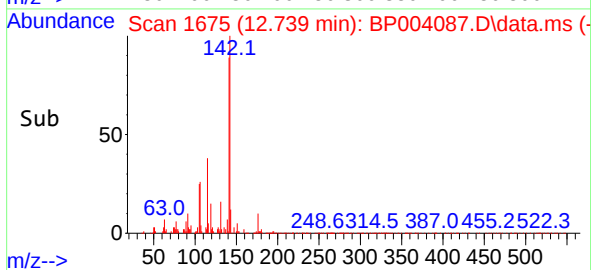
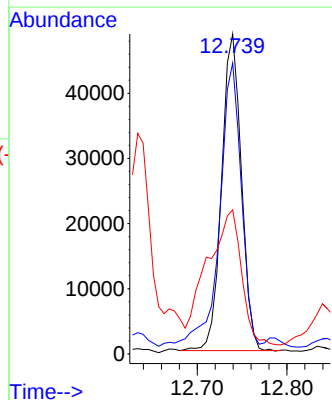
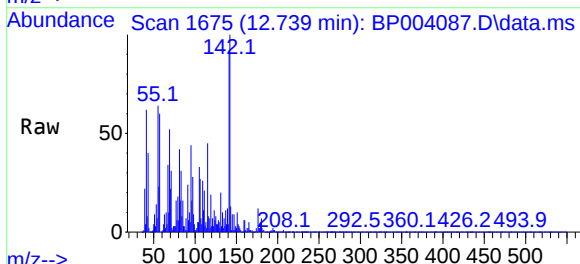
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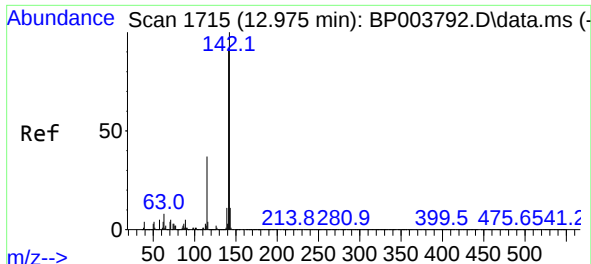
Tgt Ion:113 Resp: 20607
Ion Ratio Lower Upper
113 100
55 817.4 77.3 117.3#
56 468.8 55.9 95.9#



#37
2-Methylnaphthalene
Concen: 4.18 ng
RT: 12.739 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:142 Resp: 74249
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2
115 45.1 25.8 38.6#

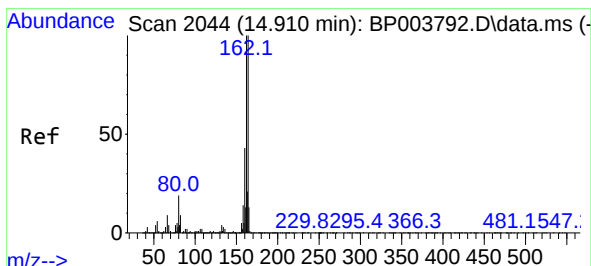
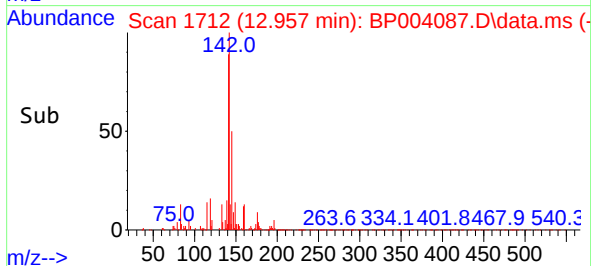
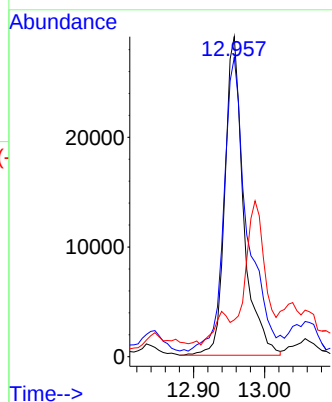
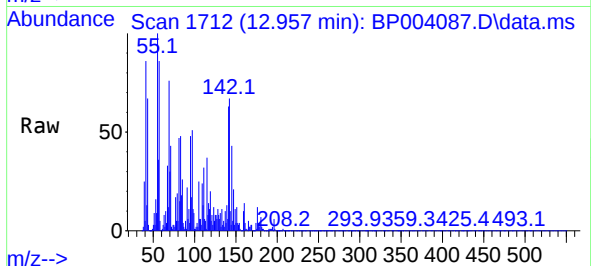




#38
1-Methylnaphthalene
Concen: 3.13 ng
RT: 12.957 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

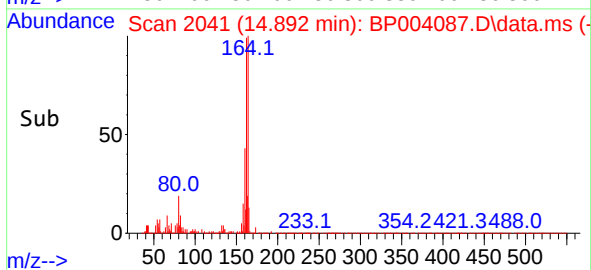
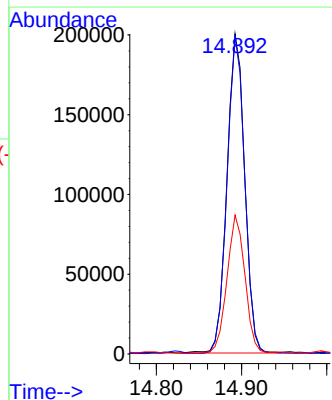
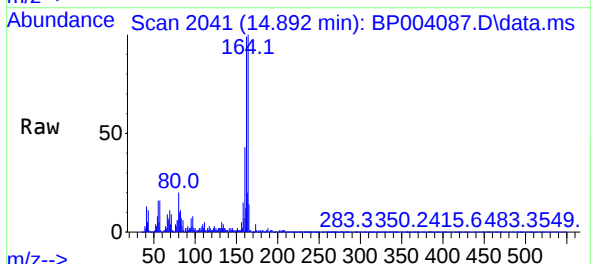
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

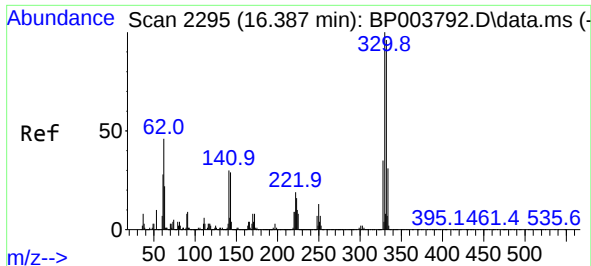
Tgt Ion:	142	Resp:	53048
Ion Ratio	Lower	Upper	
142	100		
141	93.5	74.4	111.6
116	11.5	2.9	4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:	164	Resp:	288735
Ion Ratio	Lower	Upper	
164	100		
162	99.3	79.4	119.2
160	43.3	36.1	54.1

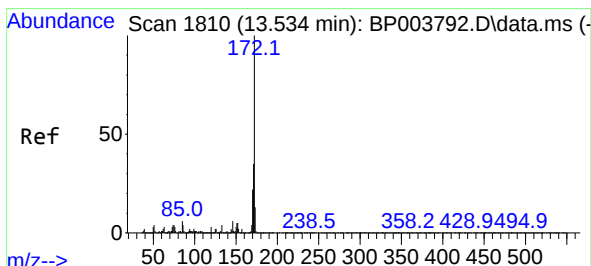
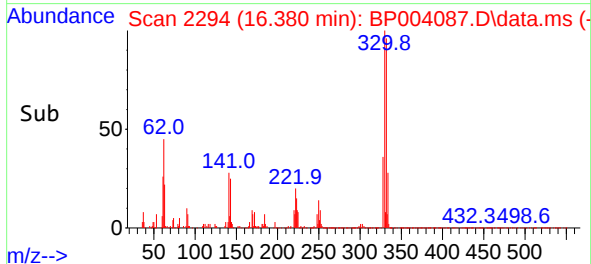
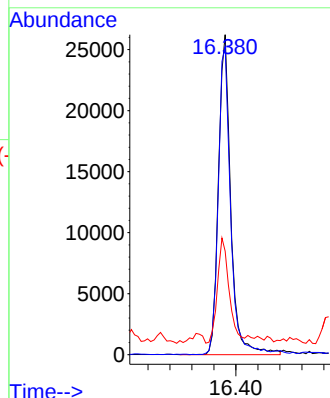
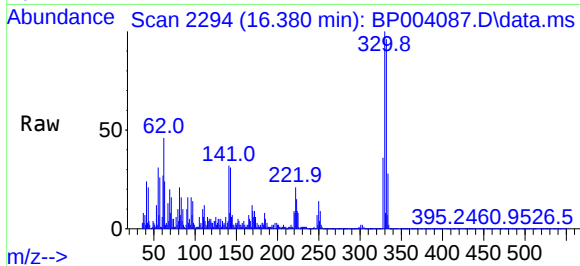




#42
2,4,6-Tribromophenol
Concen: 11.32 ng
RT: 16.380 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

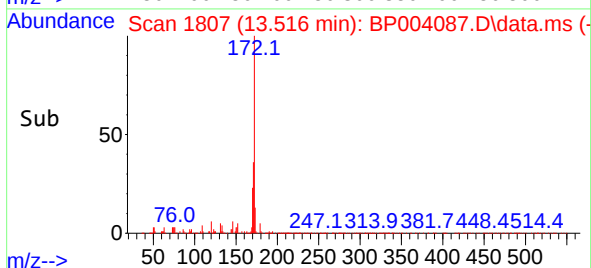
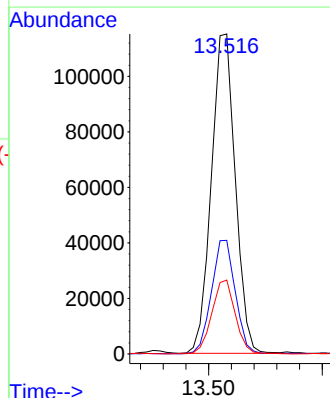
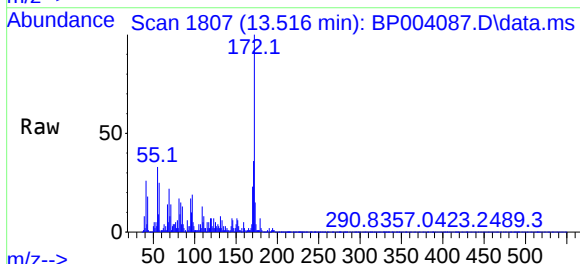
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

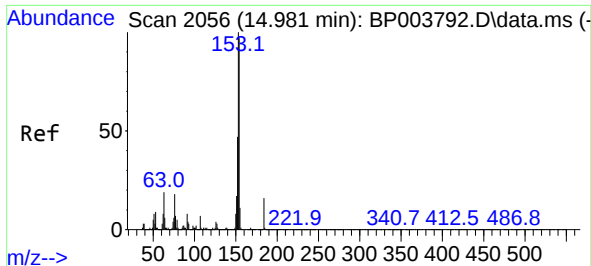
Tgt Ion:	330	Resp:	40869
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	31.4	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 8.16 ng
RT: 13.516 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:	172	Resp:	168584
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.5	42.7
170	23.1	19.2	28.8

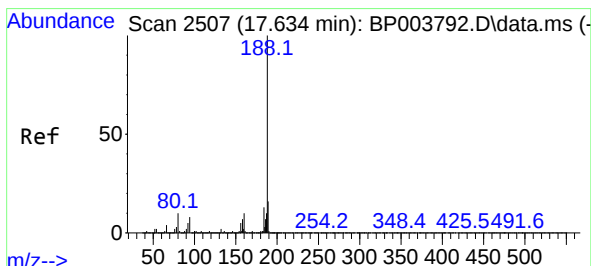
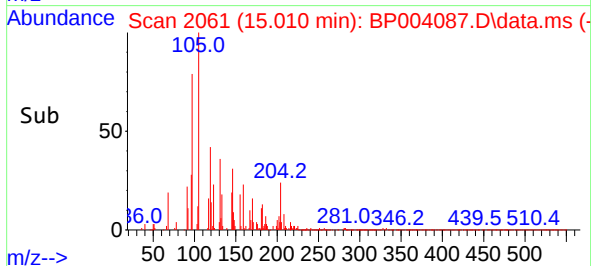
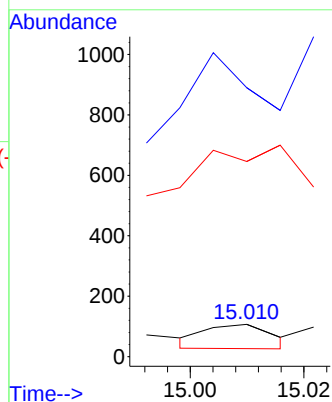
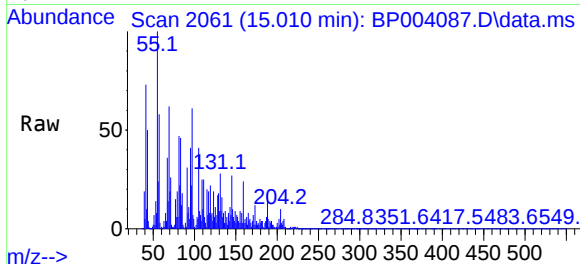




#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 15.010 min Scan# 2061
Delta R.T. 0.018 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

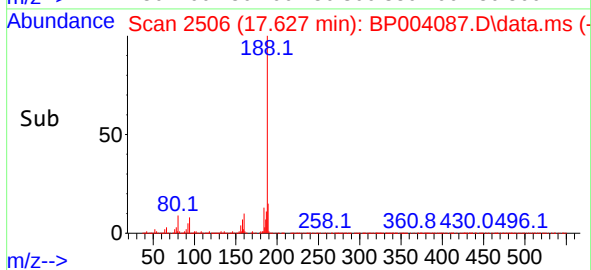
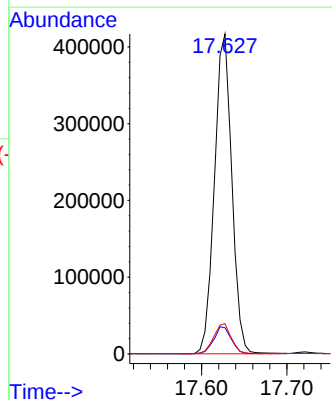
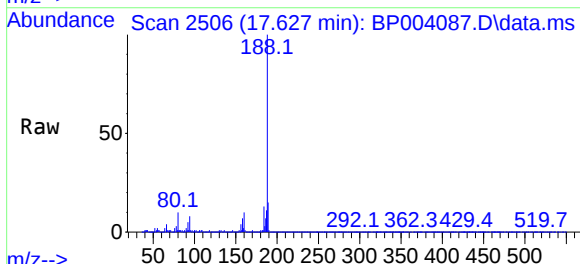
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

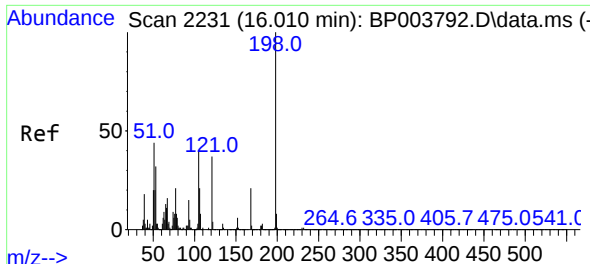
Tgt Ion:184	Resp:	66
Ion Ratio	Lower	Upper
184	100	
63	831.8	32.3 48.5#
154	603.7	49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.627 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:188	Resp:	590065
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.2 9.2
80	9.5	6.2 9.2#

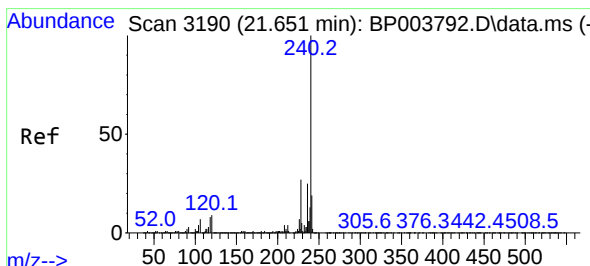
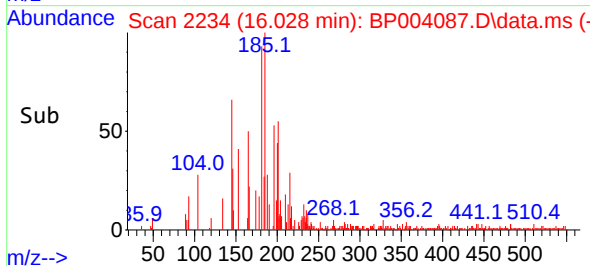
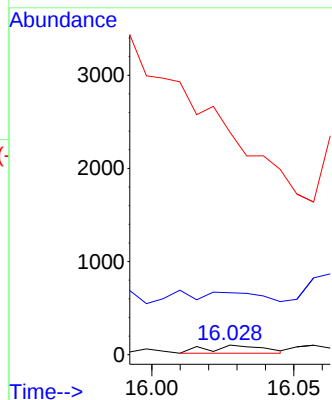
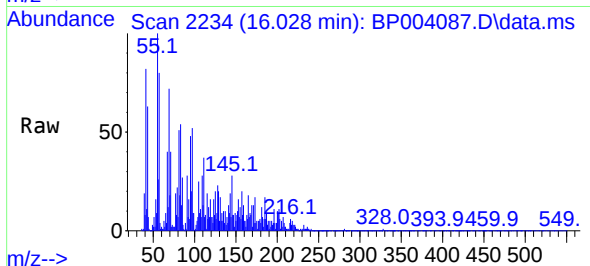




#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 16.028 min Scan# 2234
Delta R.T. 0.012 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

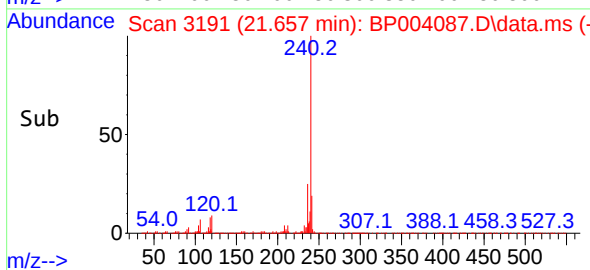
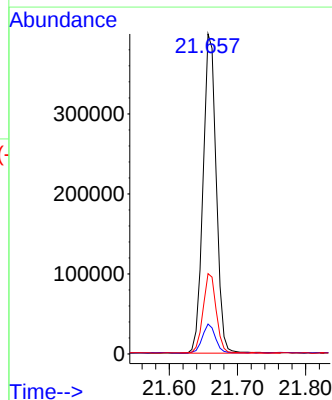
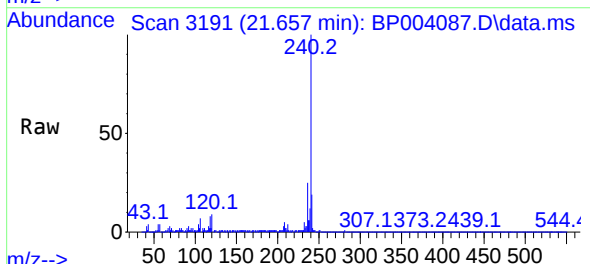
Instrument :
BNA_P
ClientSampleId :
HR-01-112320

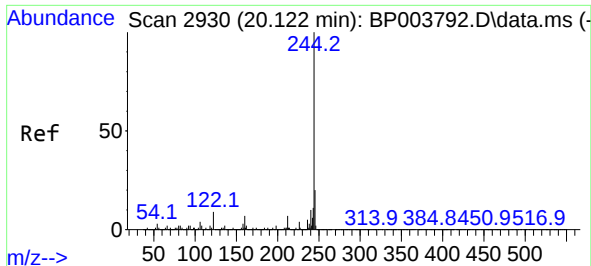
Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 645.6 6.4 46.4#
105 2316.5 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt Ion:240 Resp: 536014
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.1 20.8 31.2

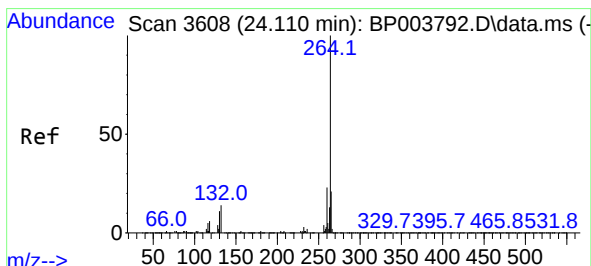
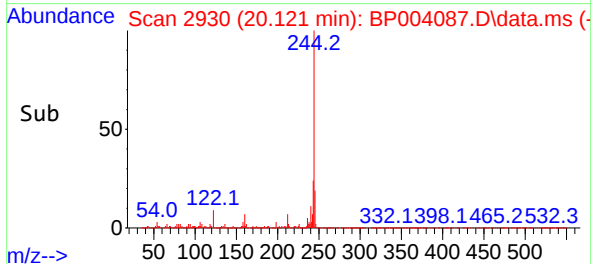
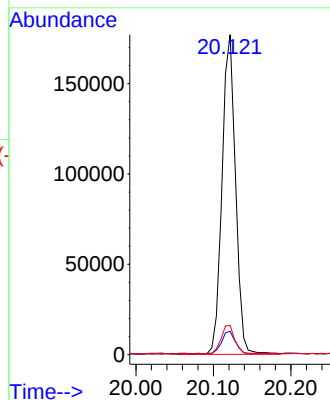
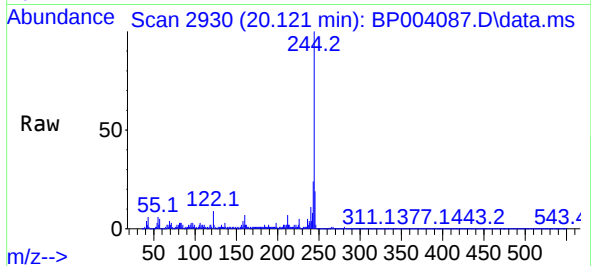




#79
Terphenyl-d14
Concen: 7.73 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Instrument :
BNA_P
ClientSampleId :
HR-01-112320

Tgt Ion:244	Resp:	214444	
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.1	7.8	11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP004087.D
Acq: 24 Nov 2020 21:34

Tgt	Ion:264	Resp:	567618
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.3	17.4	26.2

