

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004086.D
 Acq On : 24 Nov 2020 20:59
 Operator : CG/JU
 Sample : L4872-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-112320

Quant Time: Nov 24 23:59:45 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)

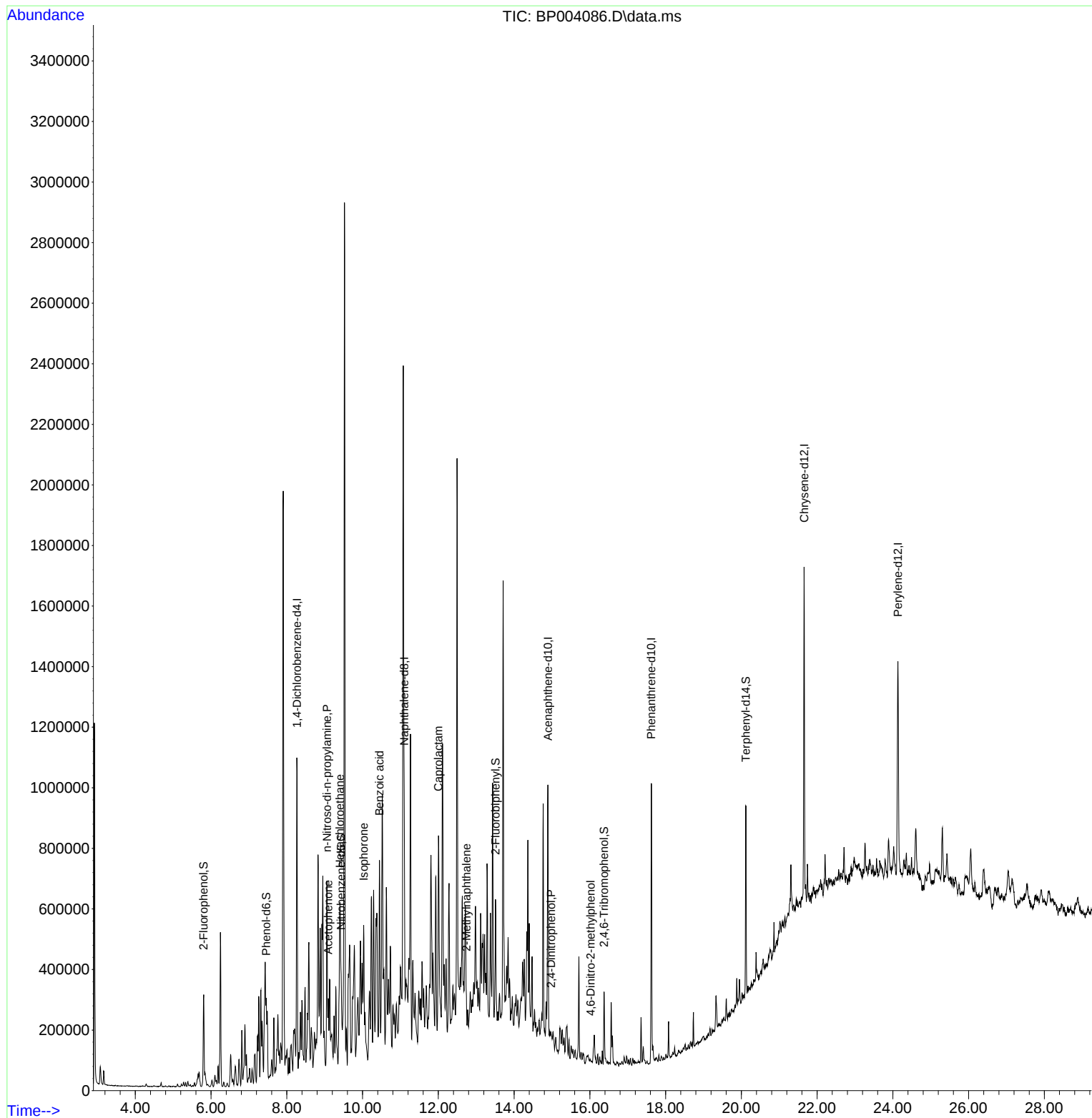
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	115331	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	438274	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	269691	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	575711	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	540804	20.00	ng	0.00
86) Perylene-d12	24.133	264	578112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	109575	15.86	ng	0.00
7) Phenol-d6	7.457	99	145427	14.66	ng	0.00
23) Nitrobenzene-d5	9.434	82	107294	11.99	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	48249	14.30	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	192923	10.00	ng	0.00
79) Terphenyl-d14	20.121	244	273929	9.79	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.398	117	32794	10.18	ng	# 1
19) n-Nitroso-di-n-propyla...	9.063	70	17994	3.03	ng	# 18
22) Acetophenone	9.093	105	110434	9.39	ng	# 62
25) Isophorone	10.028	82	38665	2.54	ng	# 1
32) Benzoic acid	10.445	122	451	8.40	ng	# 1
35) Caprolactam	12.004	113	8227	3.81	ng	# 1
37) 2-Methylnaphthalene	12.739	142	34072	2.02	ng	# 93
54) 2,4-Dinitrophenol	14.975	184	190	2.85	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.022	198	49	6.36	ng	# 1

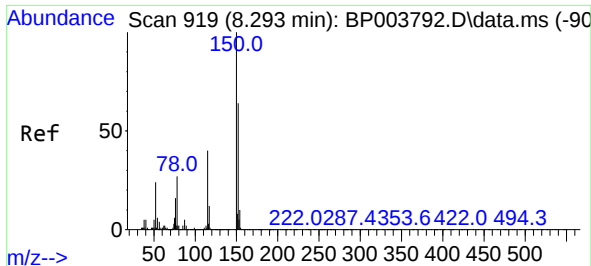
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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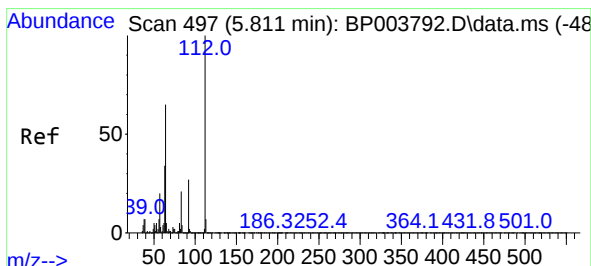
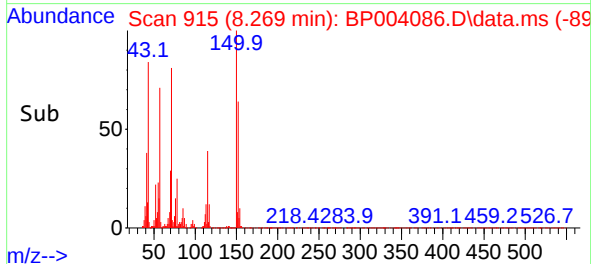
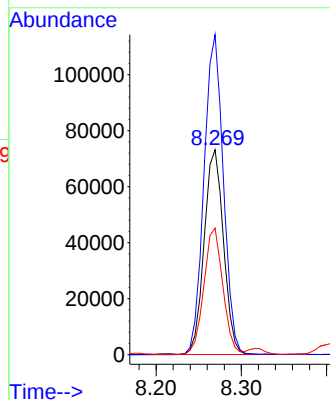
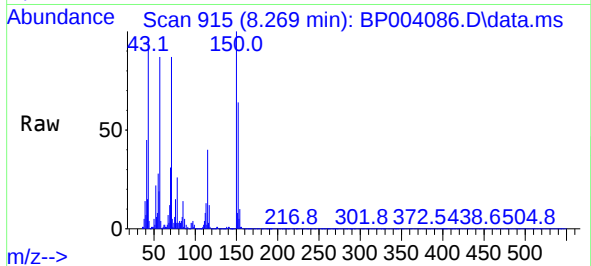




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

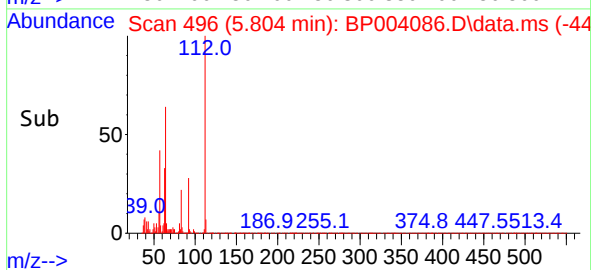
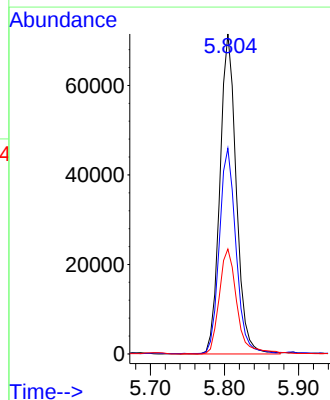
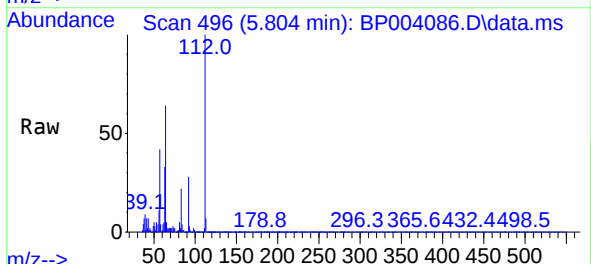
Instrument :
BNA_P
ClientSampleId :
SU-04-112320

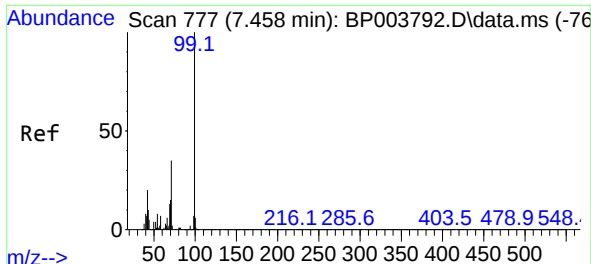
Tgt Ion:152 Resp: 115331
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 61.7 43.8 65.6



#5
2-Fluorophenol
Concen: 15.86 ng
RT: 5.804 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:112 Resp: 109575
Ion Ratio Lower Upper
112 100
64 64.2 32.8 49.2#
63 32.8 17.0 25.4#

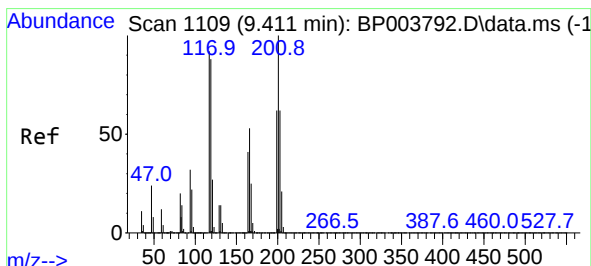
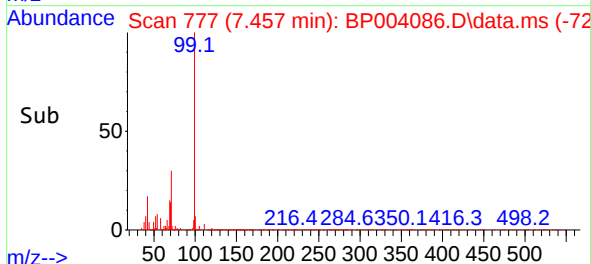
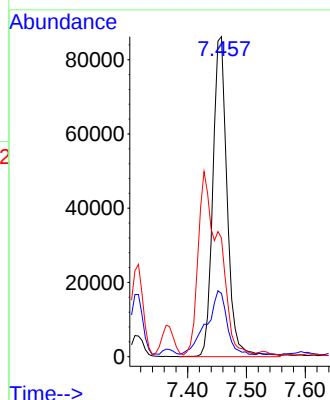
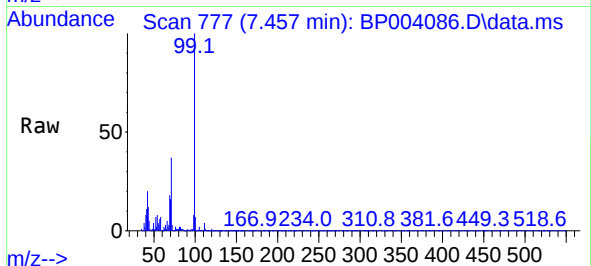




#7
Phenol-d6
Concen: 14.66 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

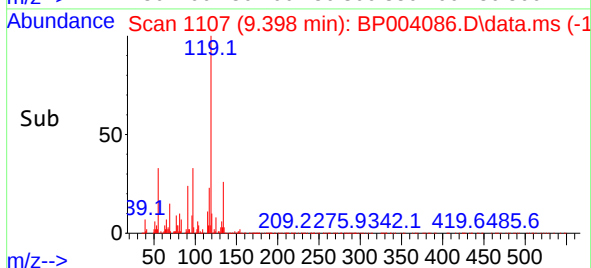
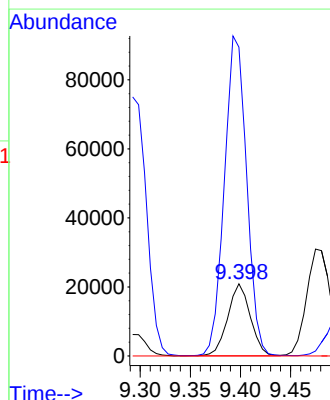
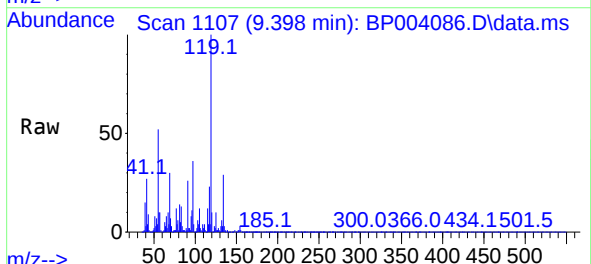
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ClientSampleId :
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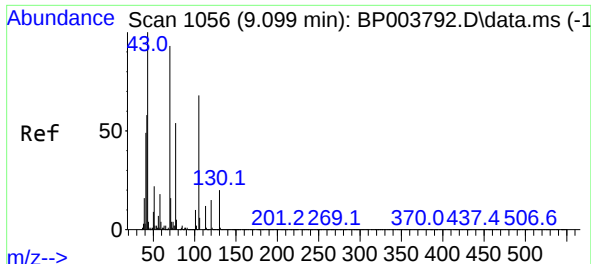
Tgt Ion: 99 Resp: 145427
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 37.0 23.4 35.2#



#18
Hexachloroethane
Concen: 10.18 ng
RT: 9.398 min Scan# 1107
Delta R.T. 0.024 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion: 117 Resp: 32794
Ion Ratio Lower Upper
117 100
119 427.7 78.8 118.2#
201 0.1 92.3 138.5#

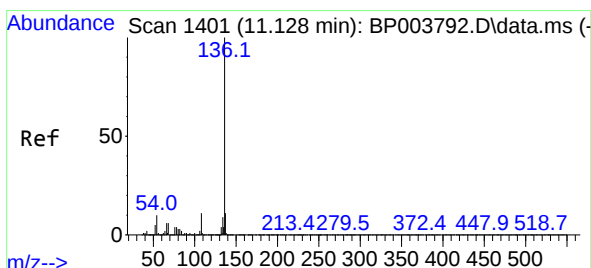
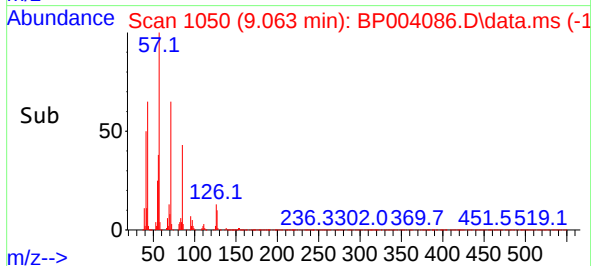
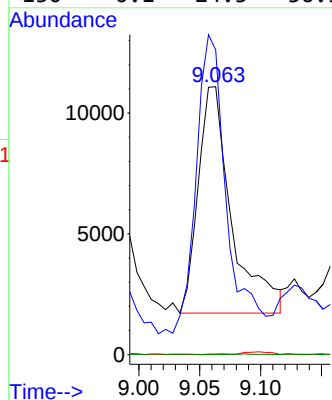
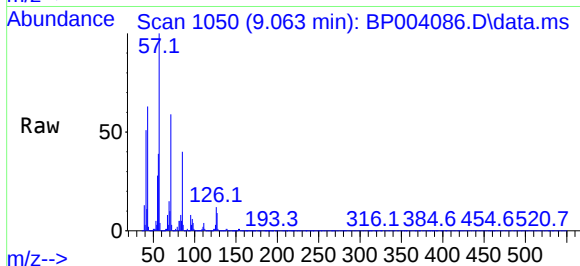




#19
n-Nitroso-di-n-propylamine
Concen: 3.03 ng
RT: 9.063 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

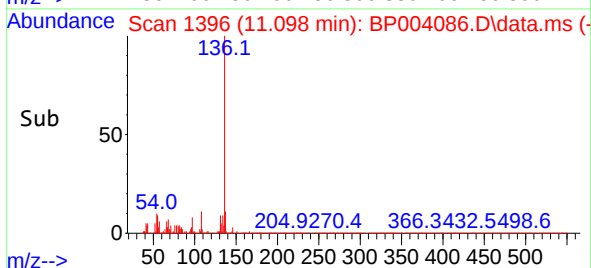
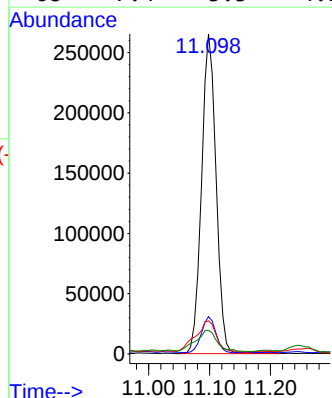
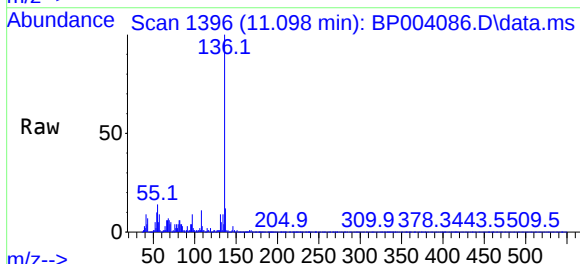
Instrument :
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ClientSampleId :
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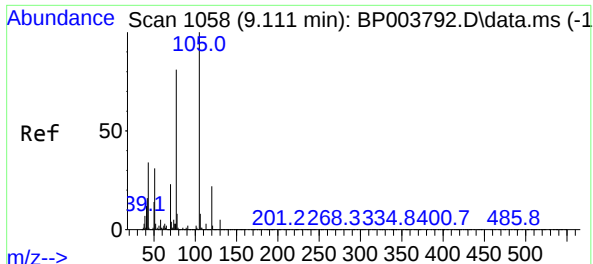
Tgt Ion:	70	Resp:	17994
Ion	Ratio	Lower	Upper
70	100		
42	113.6	32.8	49.2#
101	0.3	9.6	14.4#
130	0.1	24.3	36.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:	136	Resp:	438274
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	10.4	3.6	5.4#
68	7.4	3.3	4.9#

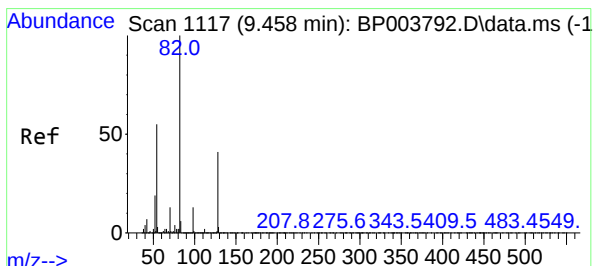
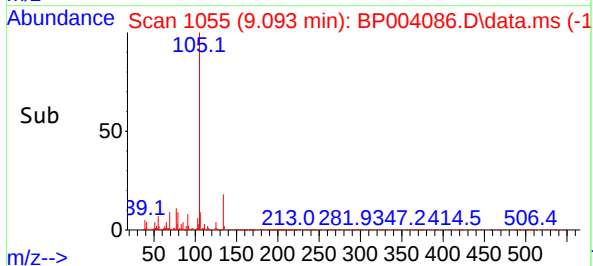
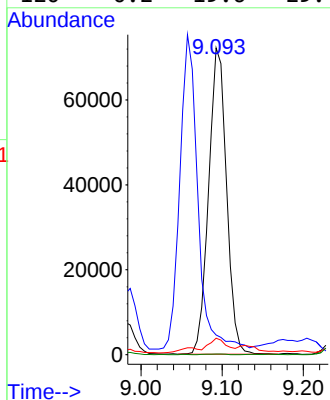
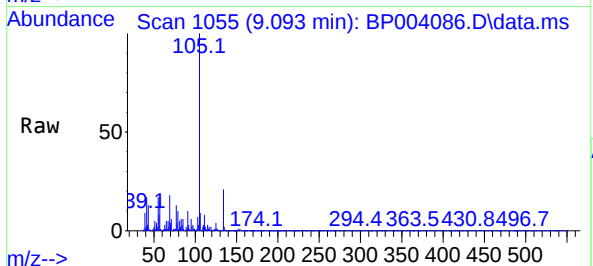




#22
Acetophenone
Concen: 9.39 ng
RT: 9.093 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

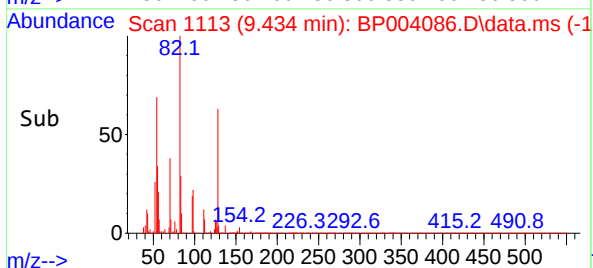
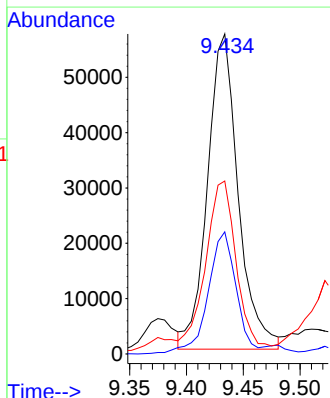
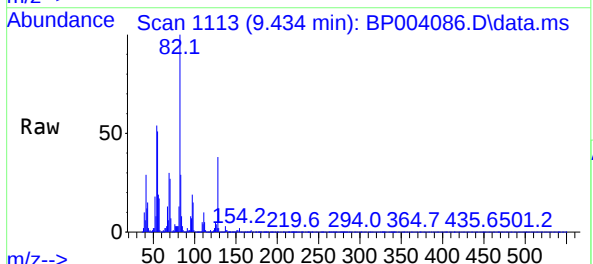
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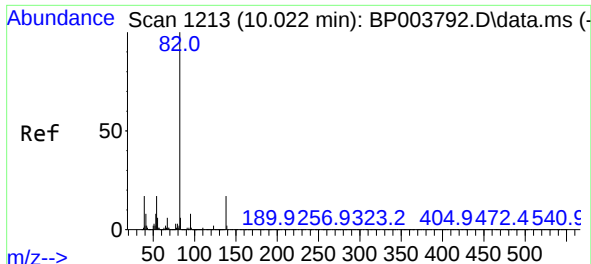
Tgt Ion:	105	Resp:	110434
Ion	Ratio	Lower	Upper
105	100		
71	6.4	2.6	3.8#
51	5.4	13.5	20.3#
120	0.2	19.6	29.4#



#23
Nitrobenzene-d5
Concen: 11.99 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:	82	Resp:	107294
Ion	Ratio	Lower	Upper
82	100		
128	38.2	45.6	68.4#
54	54.0	30.1	45.1#

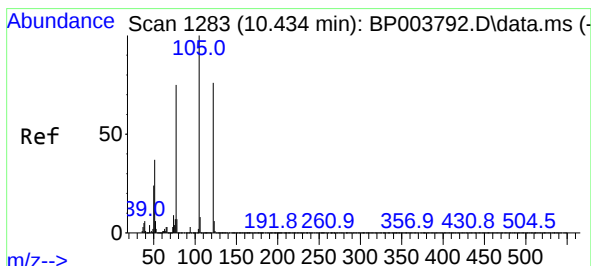
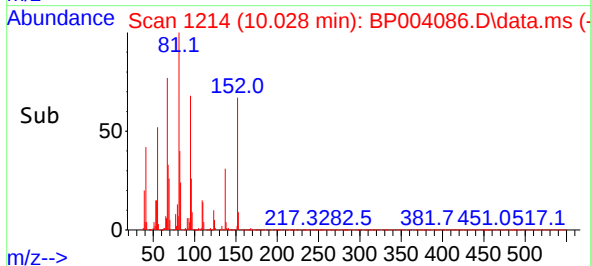
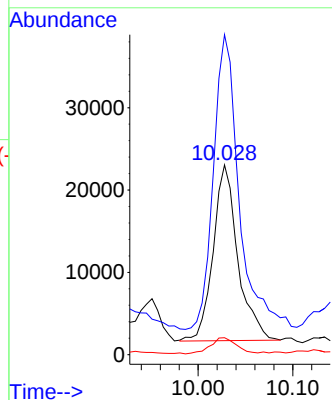
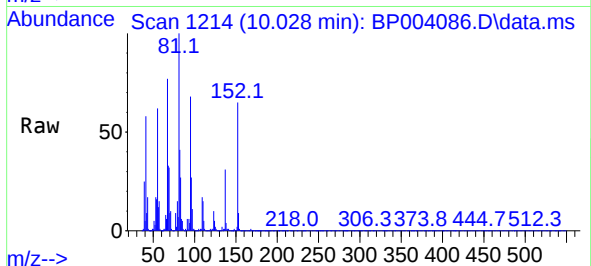




#25
Isophorone
Concen: 2.54 ng
RT: 10.028 min Scan# 1214
Delta R.T. 0.029 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

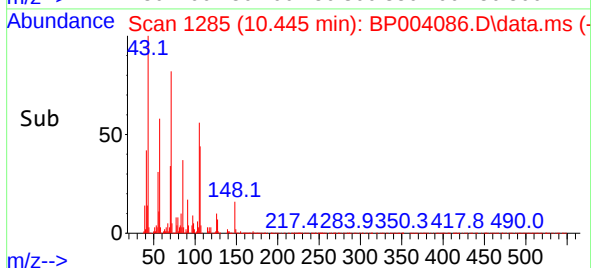
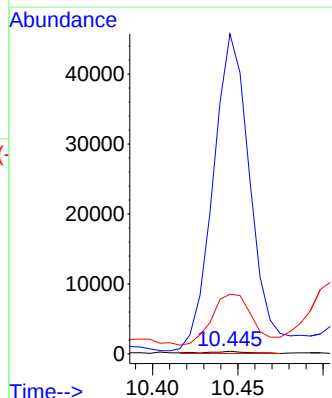
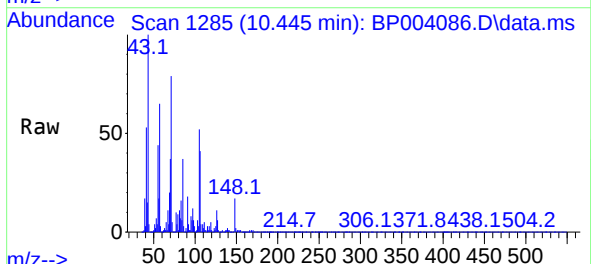
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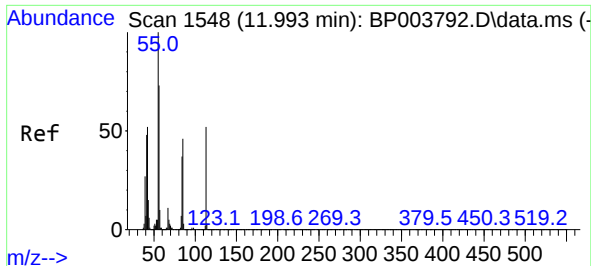
Tgt Ion: 82 Resp: 38665
Ion Ratio Lower Upper
82 100
95 168.6 6.4 9.6#
138 8.9 18.7 28.1#



#32
Benzoic acid
Concen: 8.40 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion: 122 Resp: 451
Ion Ratio Lower Upper
122 100
105 11665.3 94.1 134.1#
77 2174.7 50.1 90.1#

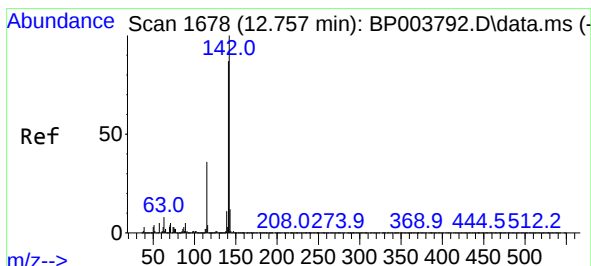
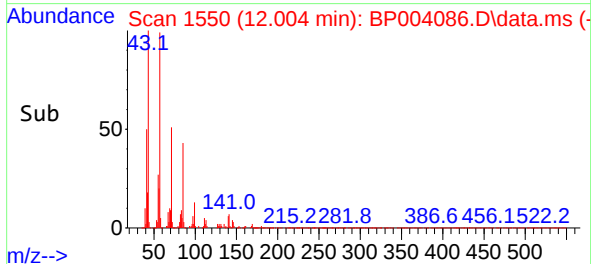
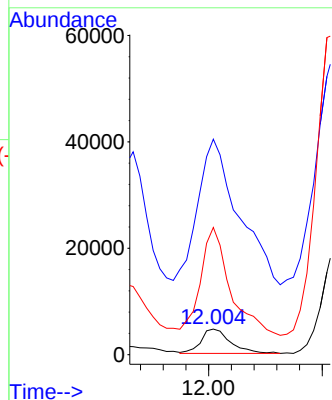
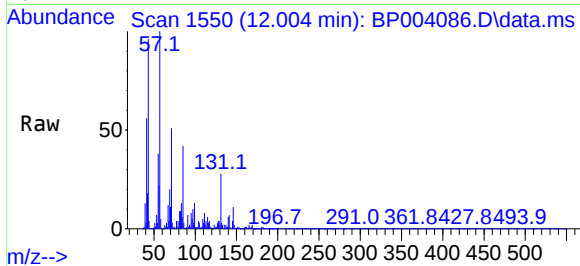




#35
Caprolactam
Concen: 3.81 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.018 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

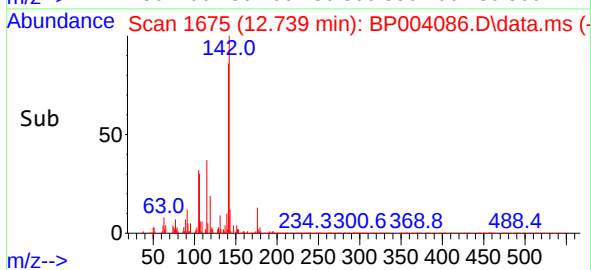
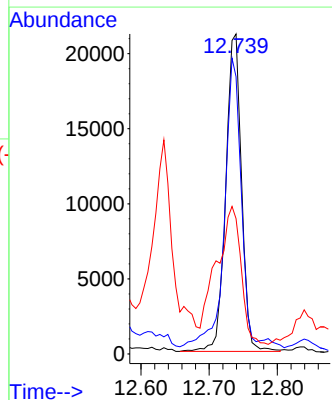
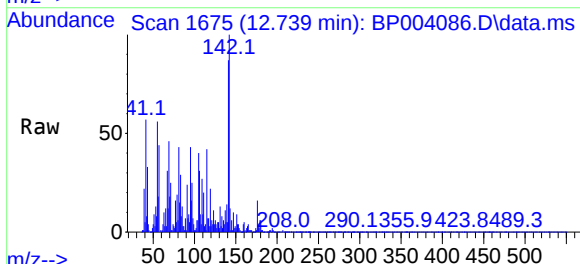
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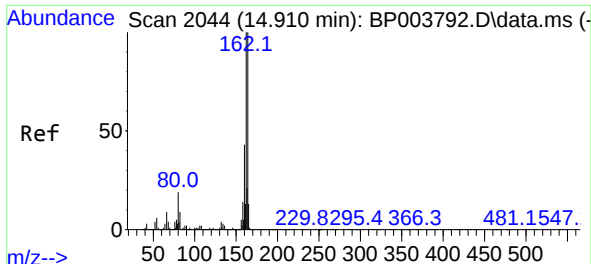
Tgt Ion:113 Resp: 8227
Ion Ratio Lower Upper
113 100
55 843.1 77.3 117.3#
56 497.6 55.9 95.9#



#37
2-Methylnaphthalene
Concen: 2.02 ng
RT: 12.739 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:142 Resp: 34072
Ion Ratio Lower Upper
142 100
141 86.6 71.4 107.2
115 42.3 25.8 38.6#

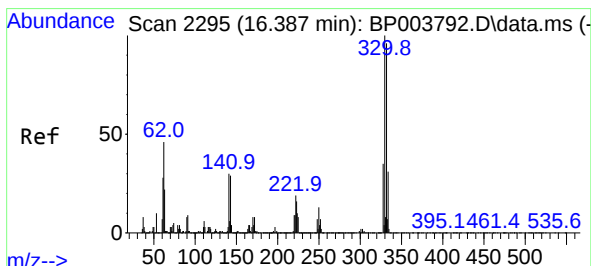
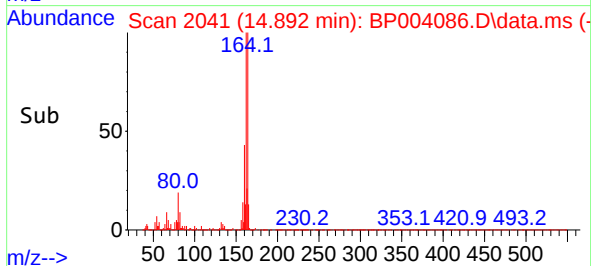
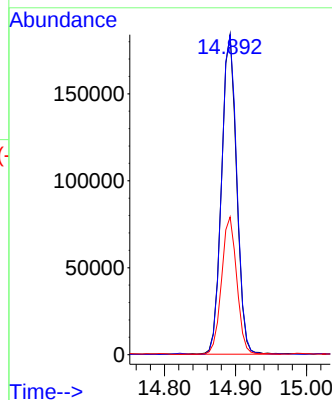
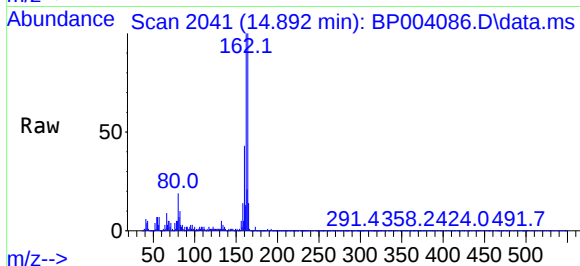




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

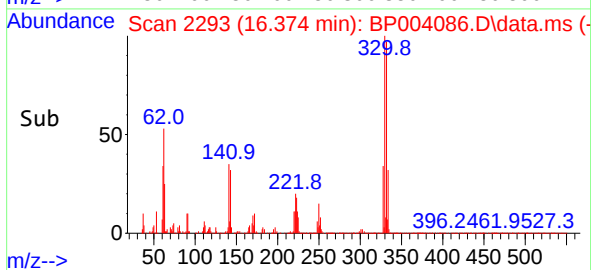
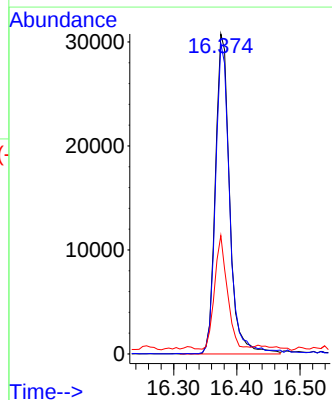
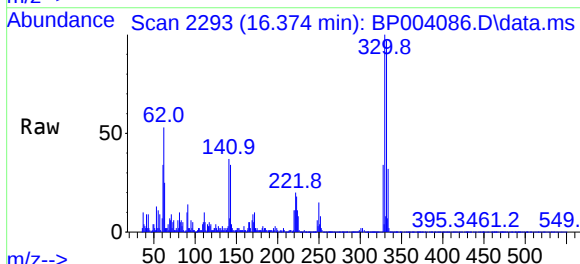
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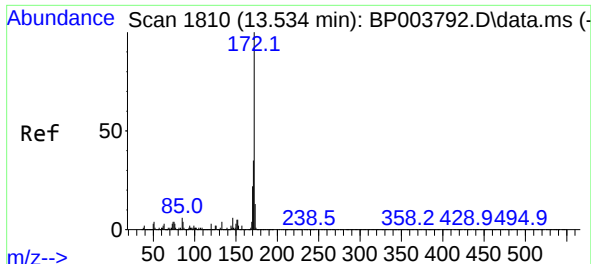
Tgt Ion:164 Resp: 269691
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 14.30 ng
RT: 16.374 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:330 Resp: 48249
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.7 23.4 35.2

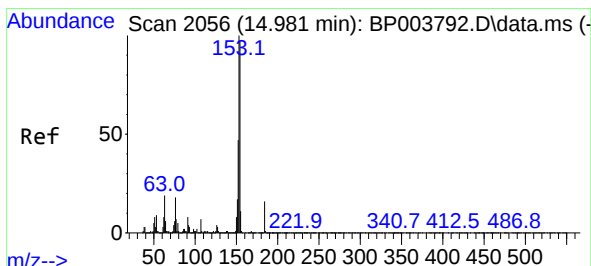
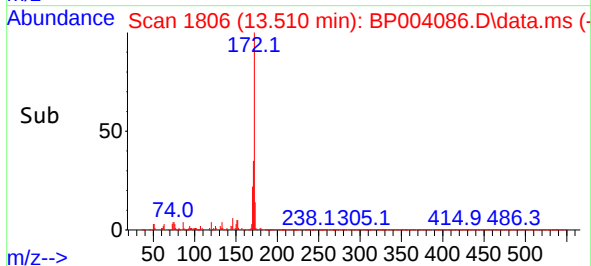
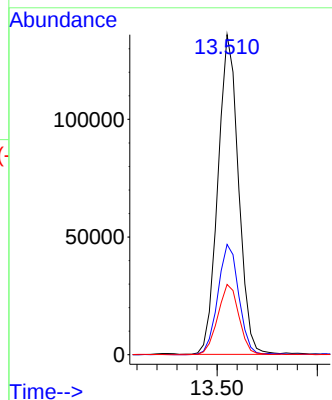
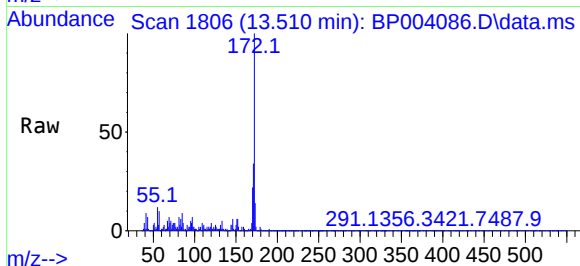




#45
2-Fluorobiphenyl
Concen: 10.00 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

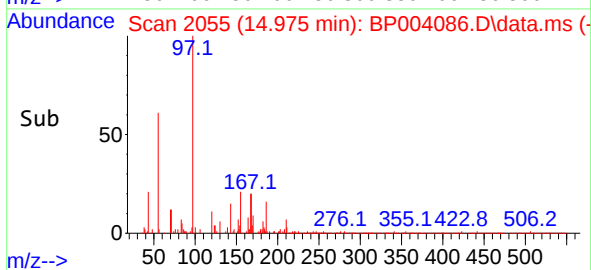
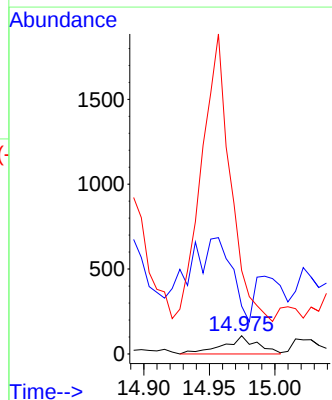
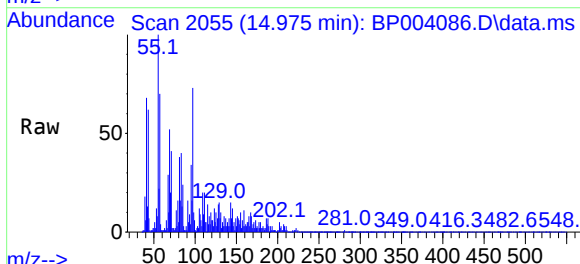
Instrument :
BNA_P
ClientSampleId :
SU-04-112320

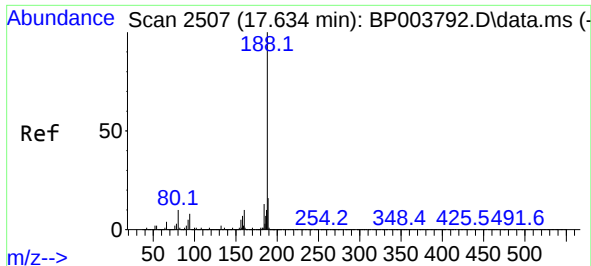
Tgt Ion:	172	Resp:	192923
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.0	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.85 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:	184	Resp:	190
Ion	Ratio	Lower	Upper
184	100		
63	263.6	32.3	48.5#
154	459.8	49.1	73.7#

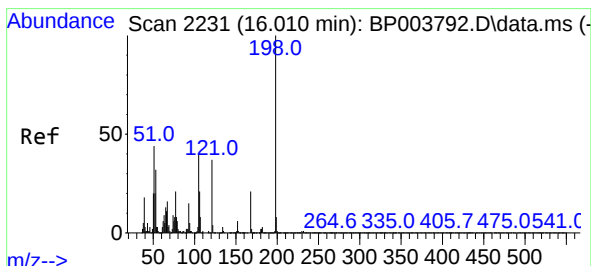
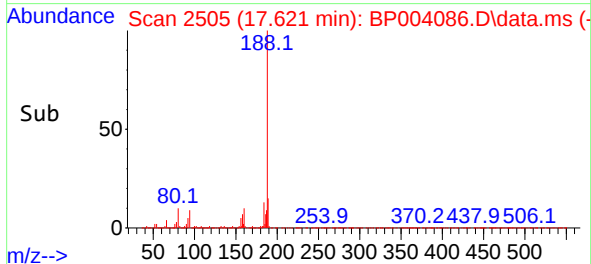
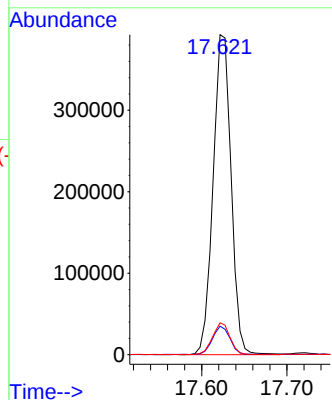
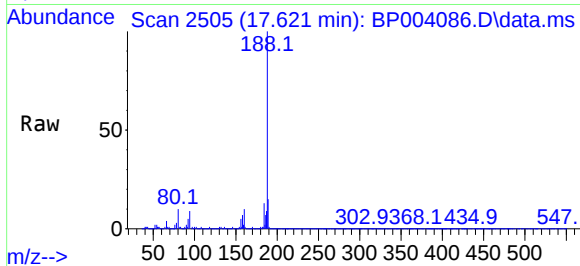




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

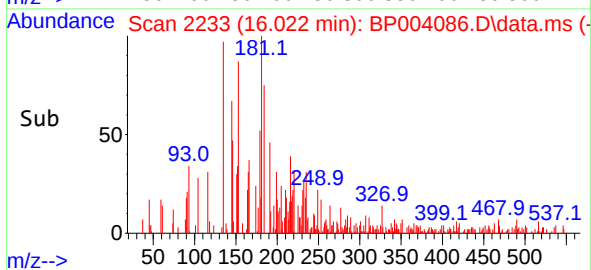
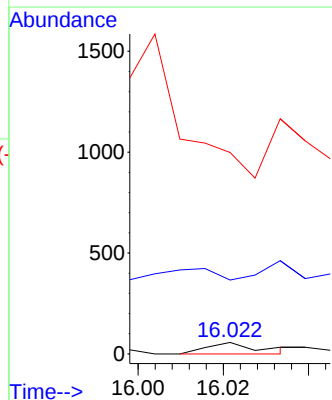
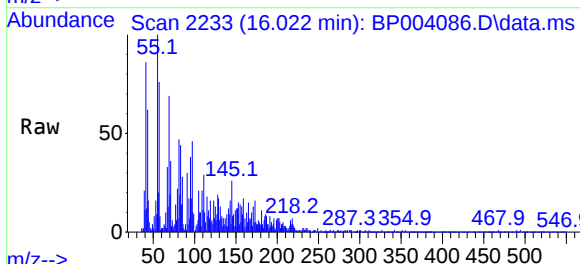
Instrument :
BNA_P
ClientSampleId :
SU-04-112320

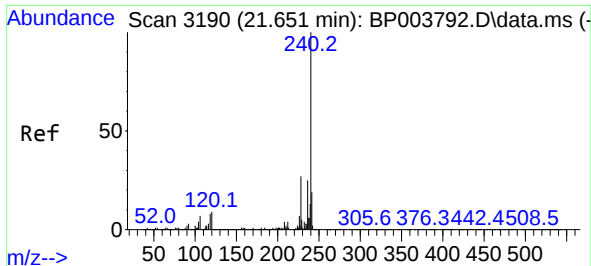
Tgt Ion:188	Resp:	575711
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.2 9.2
80	9.9	6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

Tgt Ion:198	Resp:	49
Ion Ratio	Lower	Upper
198	100	
51	642.1	6.4 46.4#
105	1750.9	18.9 58.9#

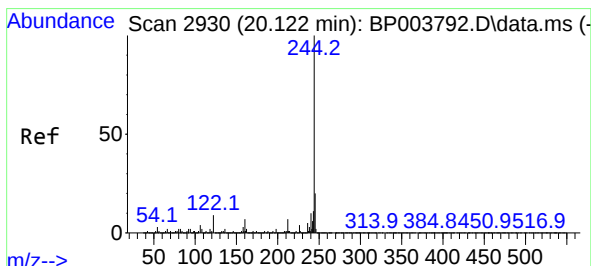
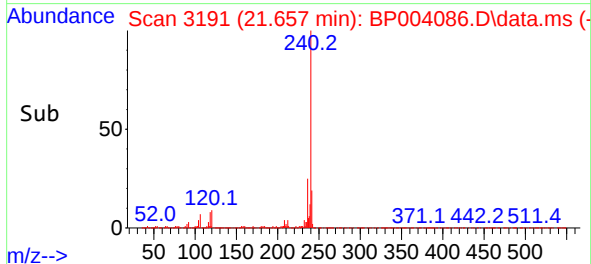
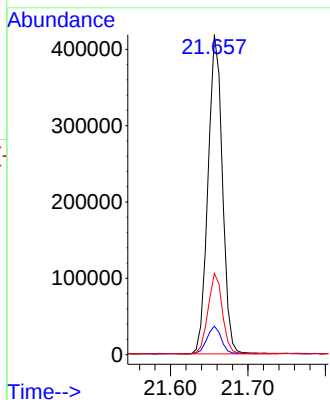
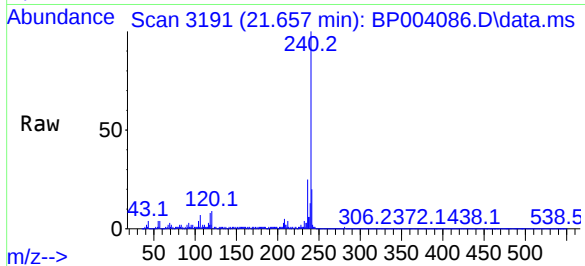




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

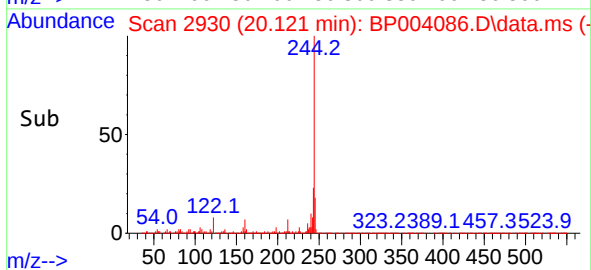
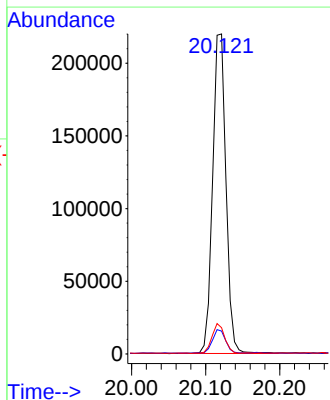
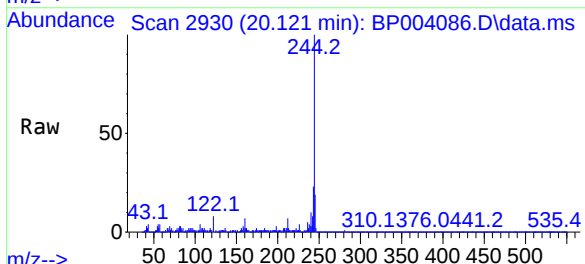
Instrument :
BNA_P
ClientSampled :
SU-04-112320

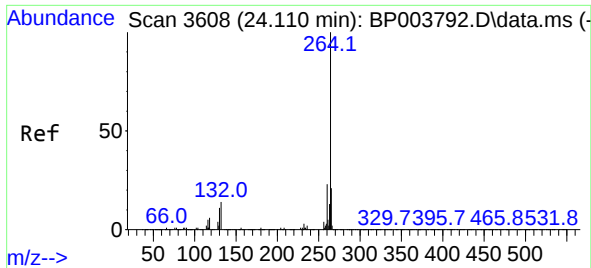
Tgt Ion:	240	Resp:	540804
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.8	11.6
236	25.4	20.8	31.2



#79
Terphenyl-d14
Concen: 9.79 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004086.D
Acq: 24 Nov 2020 20:59

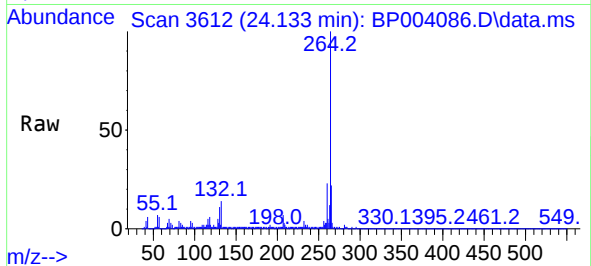
Tgt Ion:	244	Resp:	273929
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.6
122	8.2	7.8	11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.133 min Scan# 3612
 Delta R.T. 0.006 min
 Lab File: BP004086.D
 Acq: 24 Nov 2020 20:59

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-112320



Tgt Ion:264 Resp: 578112
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 21.8 17.4 26.2

