

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006062.D
 Acq On : 24 Jun 2021 20:19
 Operator : CG/JU
 Sample : M2832-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3-WC

Quant Time: Jun 25 01:11:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

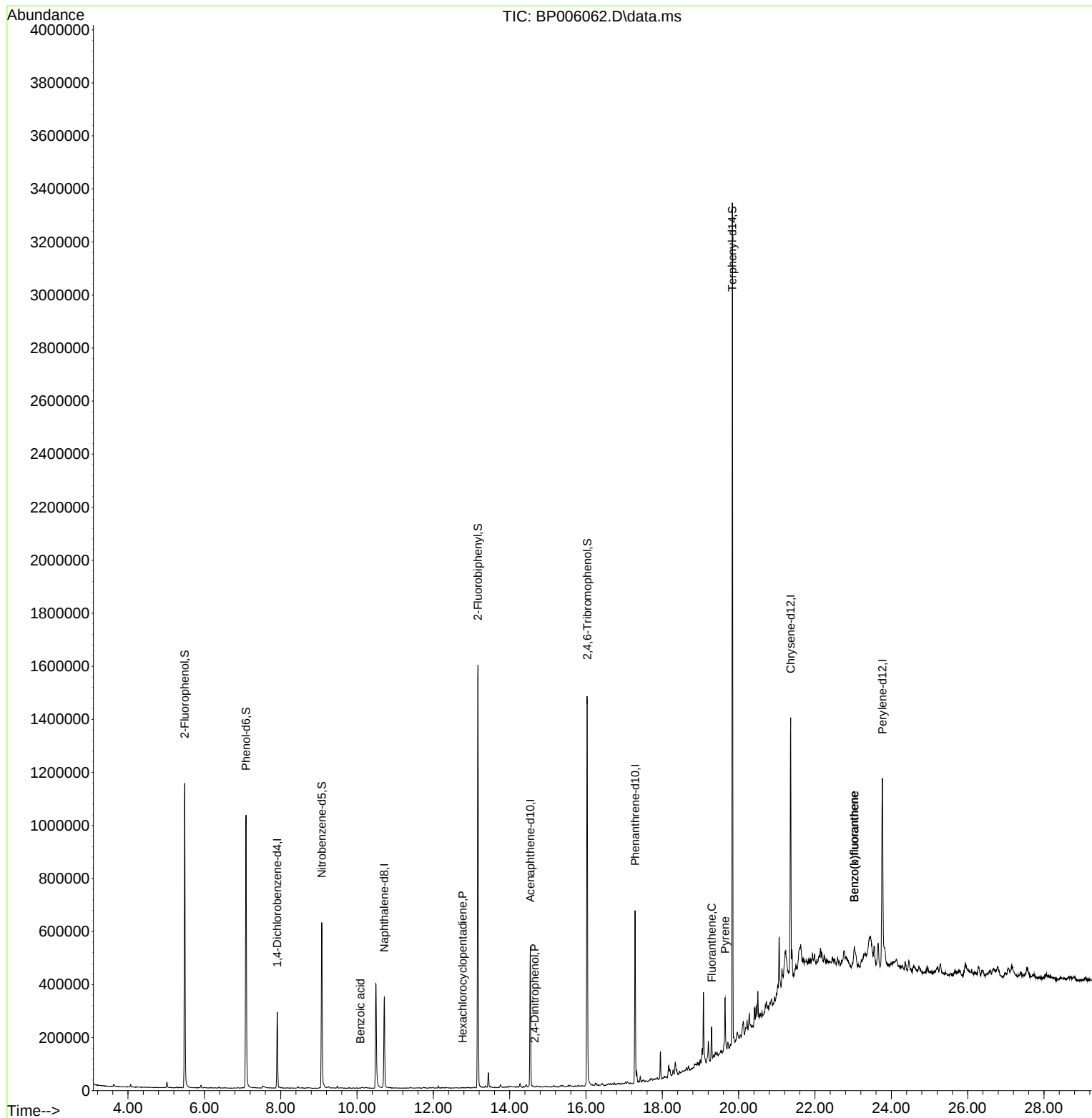
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	79521	20.00	ng	-0.01
21) Naphthalene-d8	10.716	136	298031	20.00	ng	0.00
39) Acenaphthene-d10	14.539	164	180236	20.00	ng	-0.01
64) Phenanthrene-d10	17.286	188	377130	20.00	ng	0.00
76) Chrysene-d12	21.362	240	458571	20.00	ng	0.00
86) Perylene-d12	23.768	264	533023	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	528539	106.65	ng	0.00
7) Phenol-d6	7.093	99	637192	99.20	ng	0.00
23) Nitrobenzene-d5	9.075	82	387388	63.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	321442	103.93	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	832574	60.66	ng	0.00
79) Terphenyl-d14	19.833	244	1410092	57.58	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.087	122	39	6.33	ng	# 1
41) Hexachlorocyclopentadiene	12.769	237	41	5.52	ng	78
54) 2,4-Dinitrophenol	14.651	184	35	4.87	ng	# 1
75) Fluoranthene	19.292	202	66986	2.44	ng	95
78) Pyrene	19.645	202	119133	3.72	ng	99
88) Benzo(b)fluoranthene	23.033	252	93643	2.57	ng	# 92
89) Benzo(k)fluoranthene	23.033	252	93643	2.65	ng	# 92

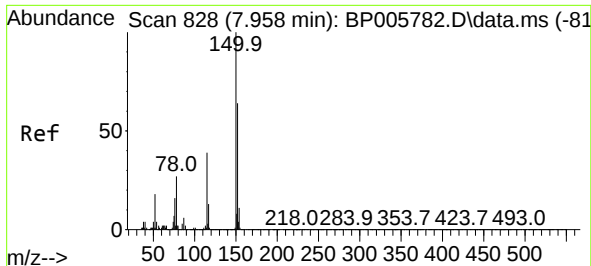
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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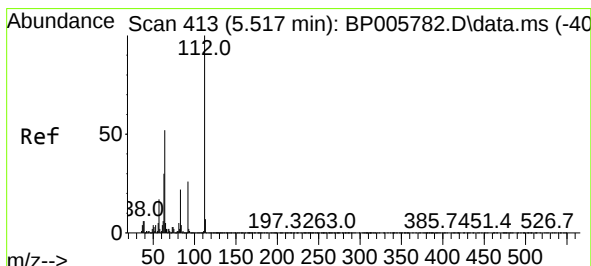
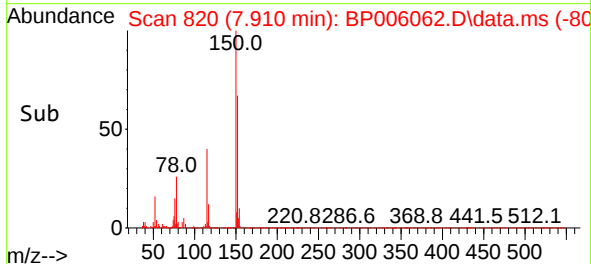
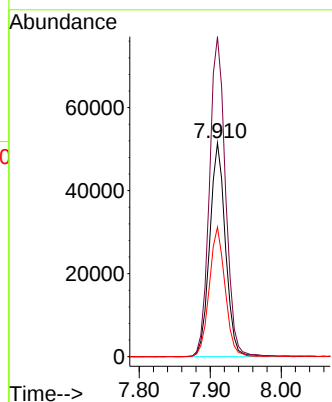
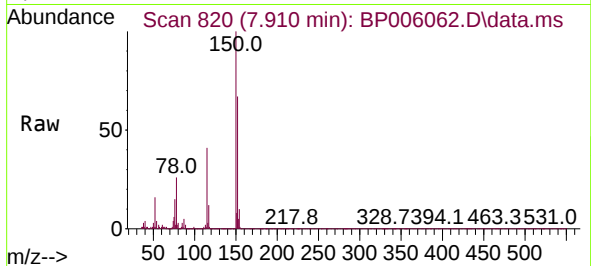




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

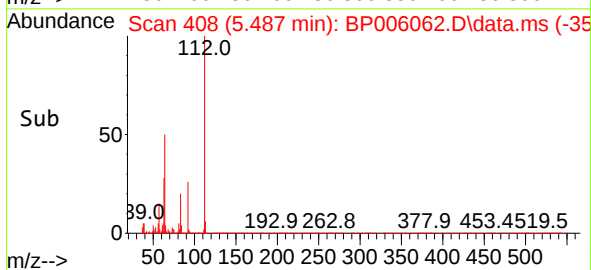
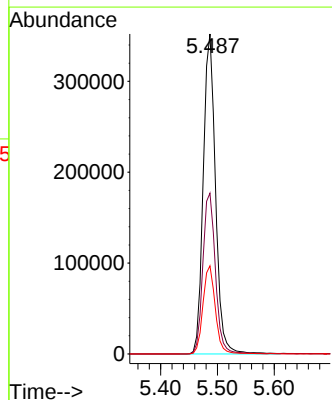
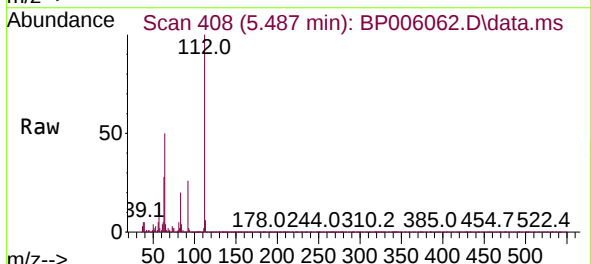
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BNA_P
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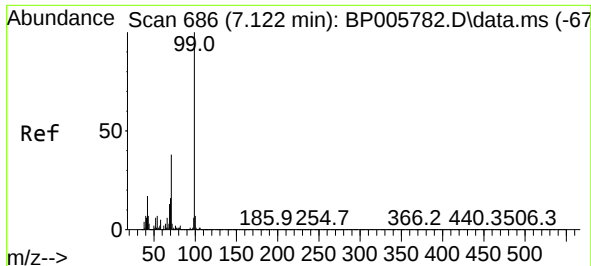
Tgt Ion:152 Resp: 79521
Ion Ratio Lower Upper
152 100
150 149.7 125.6 188.4
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 106.65 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:112 Resp: 528539
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 27.5 23.8 35.8

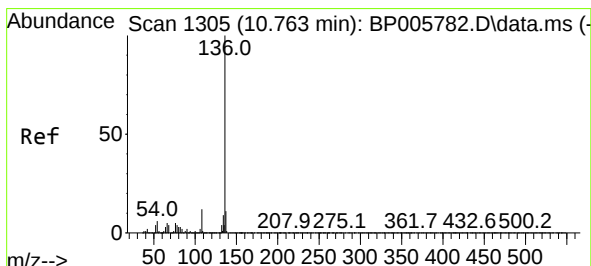
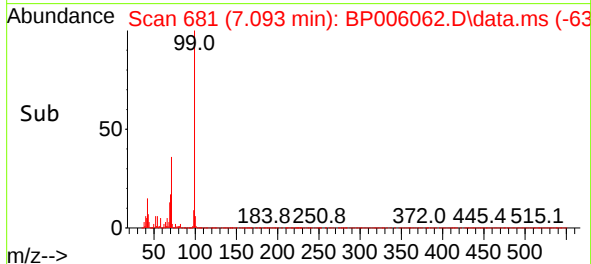
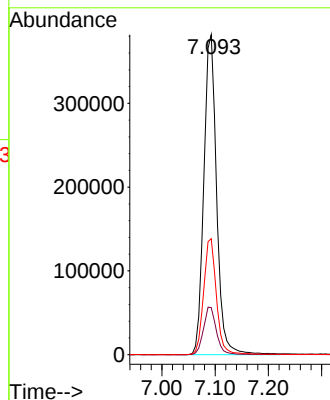
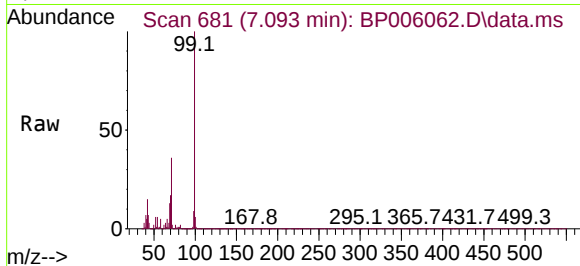




#7
Phenol-d6
Concen: 99.20 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

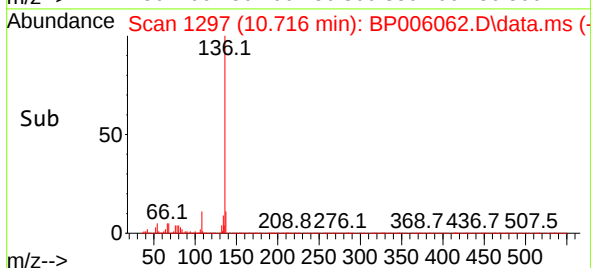
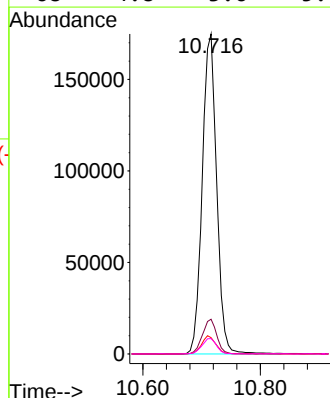
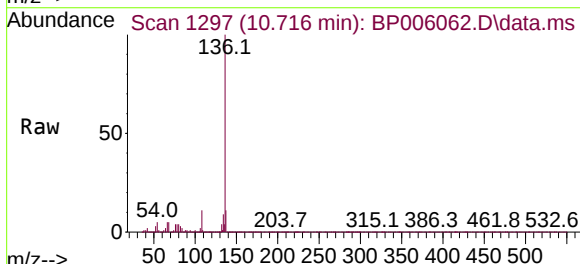
Instrument :
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ClientSampleId :
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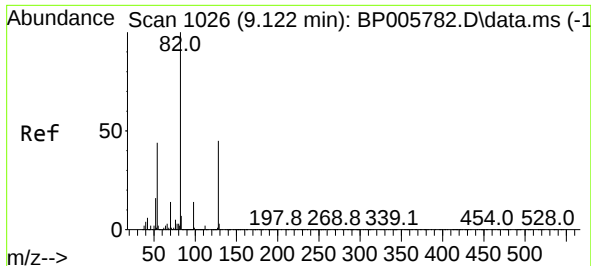
Tgt Ion: 99 Resp: 637192
Ion Ratio Lower Upper
99 100
42 14.7 13.4 20.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion: 136 Resp: 298031
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.1 4.6 6.8
68 4.8 3.6 5.4

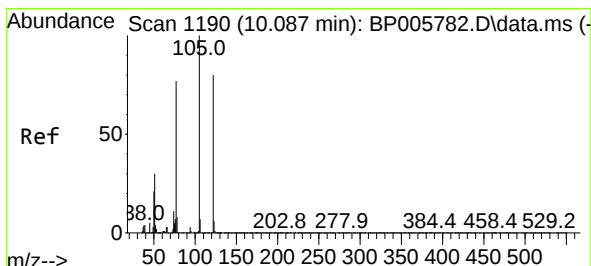
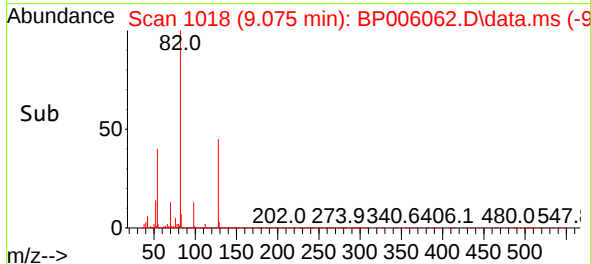
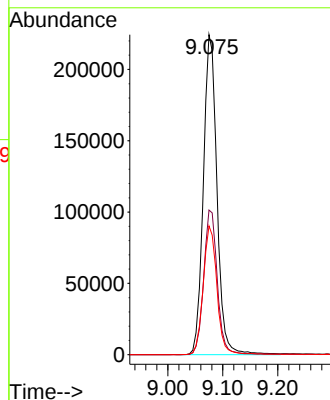
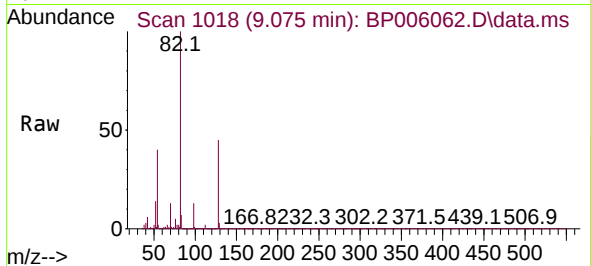




#23
Nitrobenzene-d5
Concen: 63.73 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

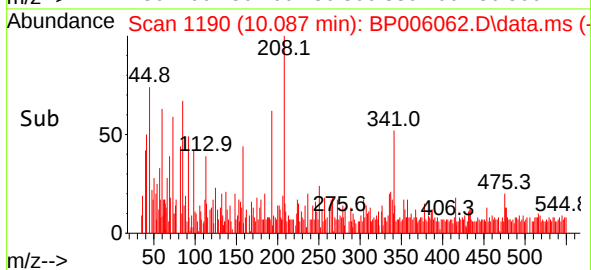
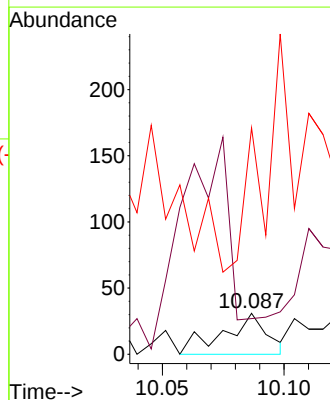
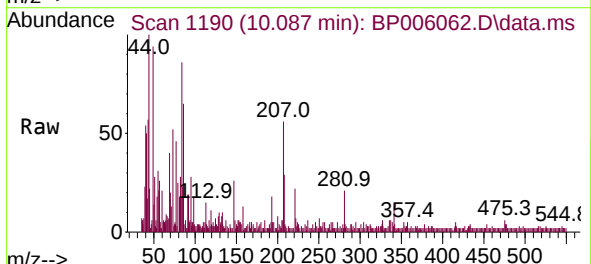
Instrument :
BNA_P
ClientSampleId :
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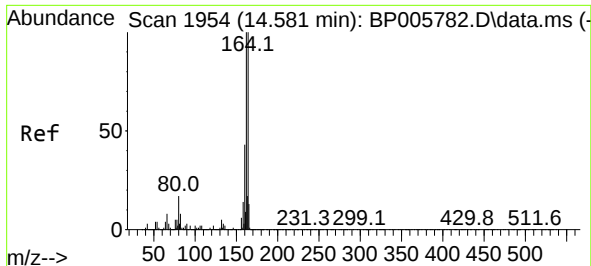
Tgt Ion: 82 Resp: 387388
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 40.3 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.011 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion: 122 Resp: 39
Ion Ratio Lower Upper
122 100
105 87.1 103.2 143.2#
77 551.6 76.2 116.2#

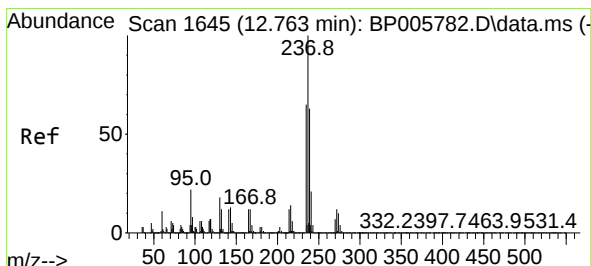
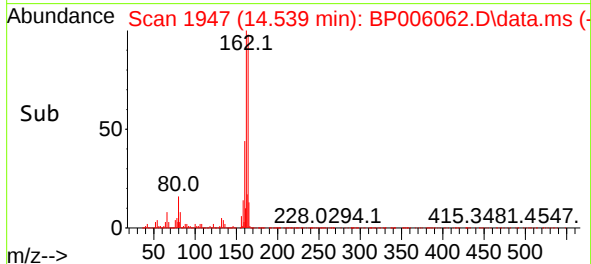
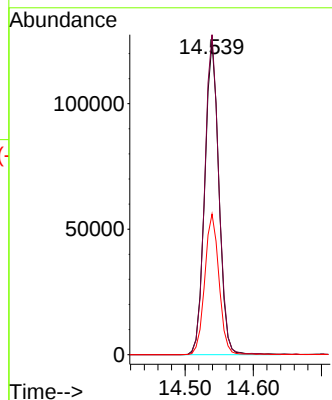
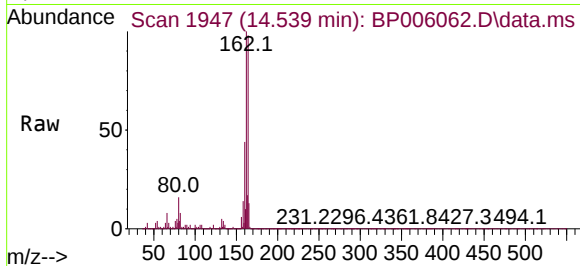




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

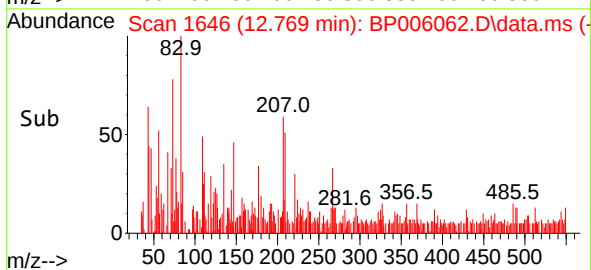
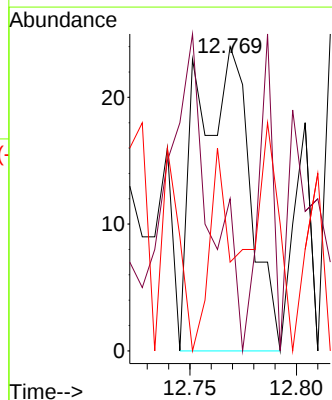
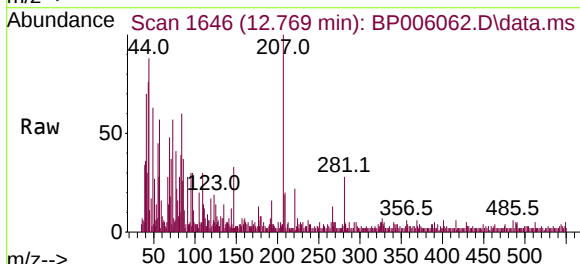
Instrument :
BNA_P
ClientSampleId :
TP-3-WC

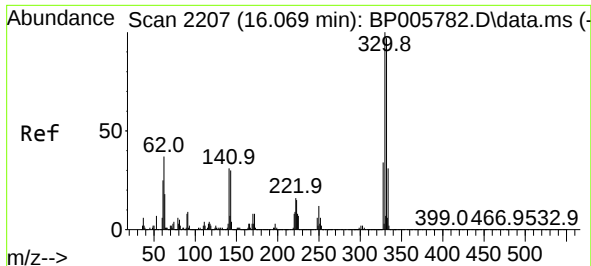
Tgt Ion:164 Resp: 180236
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.52 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.041 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:237 Resp: 41
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 29.2 0.0 32.5

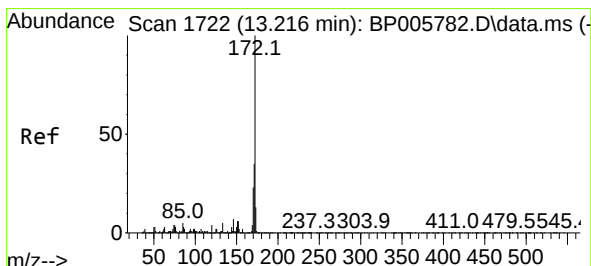
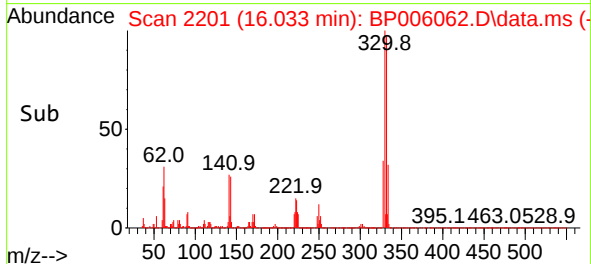
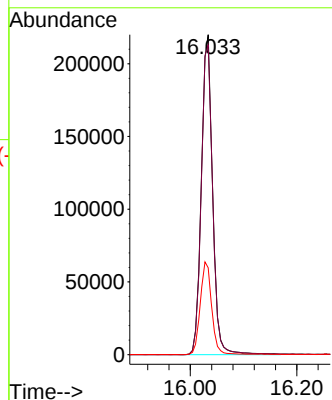
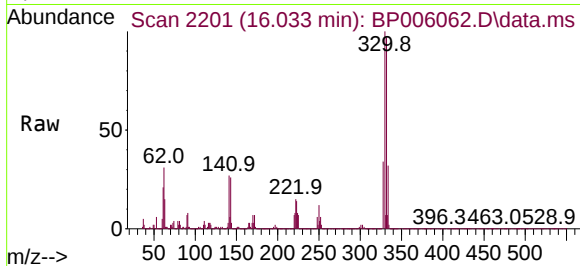




#42
2,4,6-Tribromophenol
Concen: 103.93 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

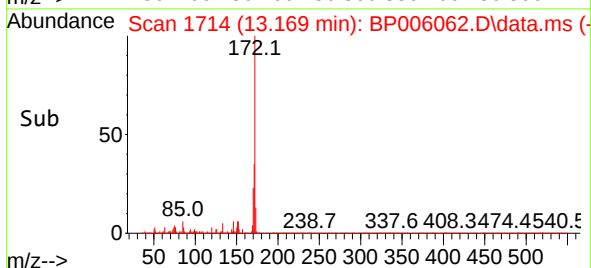
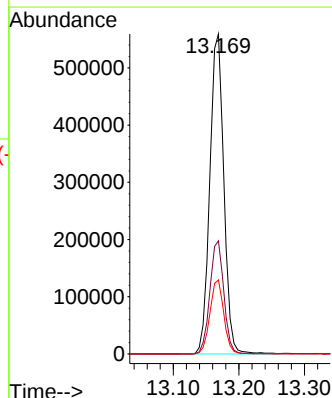
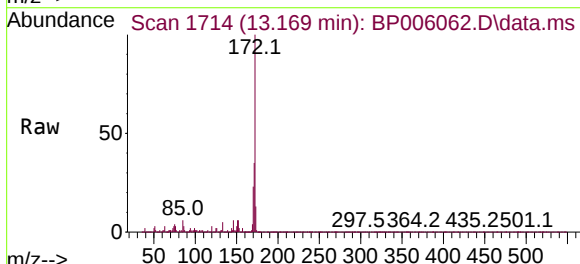
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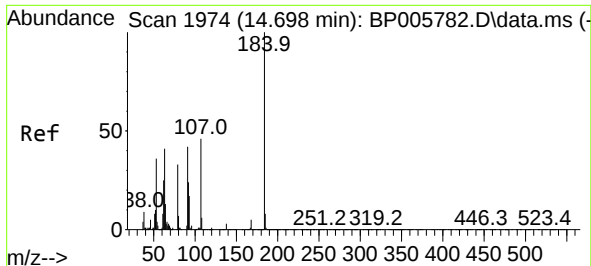
Tgt Ion:330 Resp: 321442
Ion Ratio Lower Upper
330 100
332 98.1 77.8 116.8
141 29.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.66 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:172 Resp: 832574
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.2 18.6 27.8

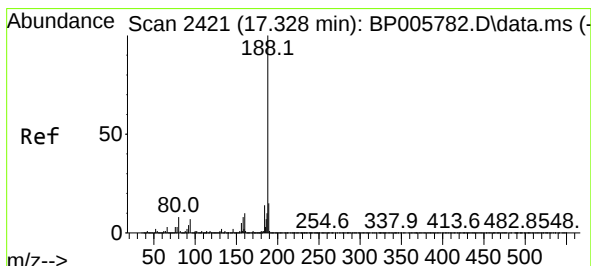
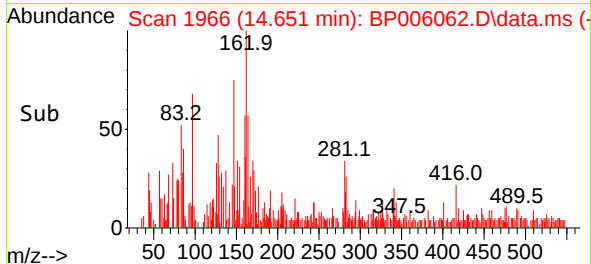
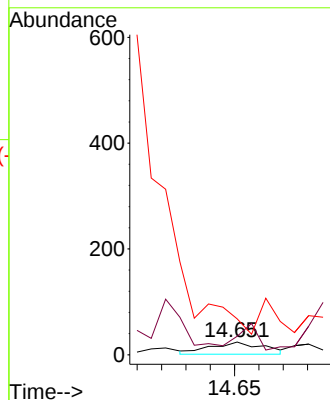
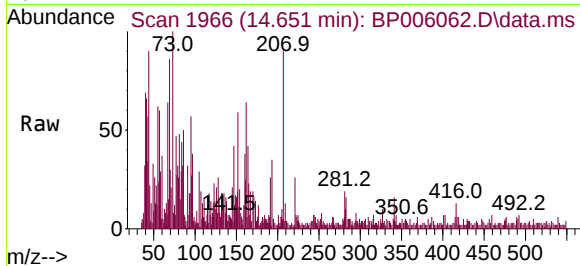




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

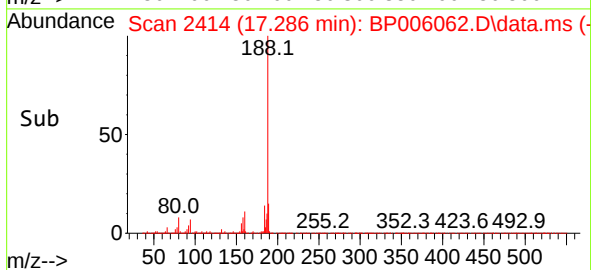
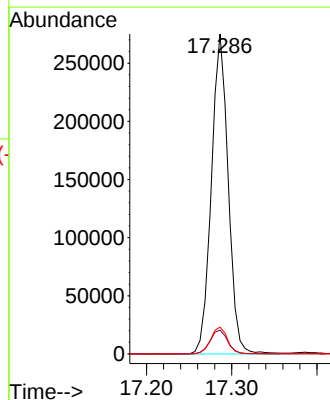
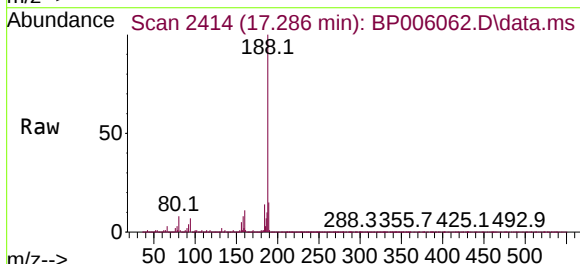
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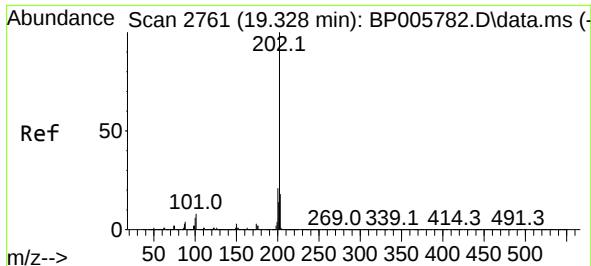
Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 145.8 47.0 70.6#
154 283.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:188 Resp: 377130
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 8.4 6.3 9.5

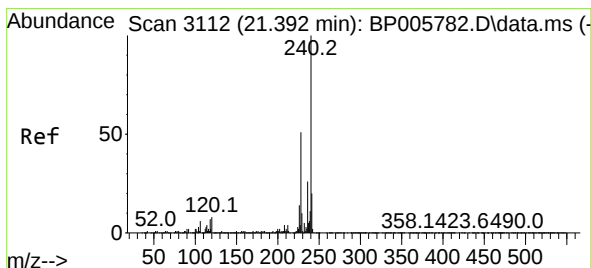
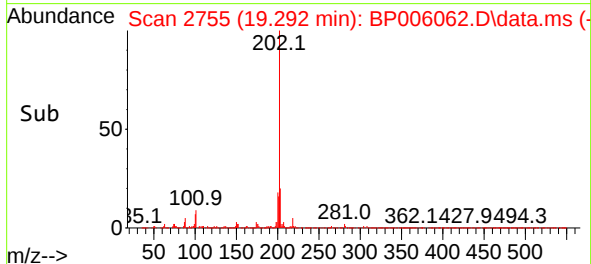
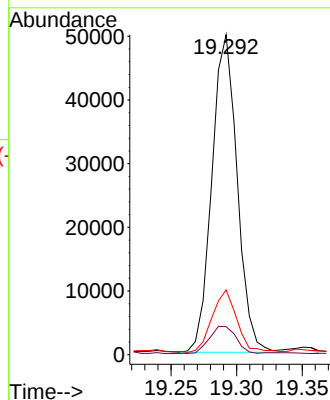
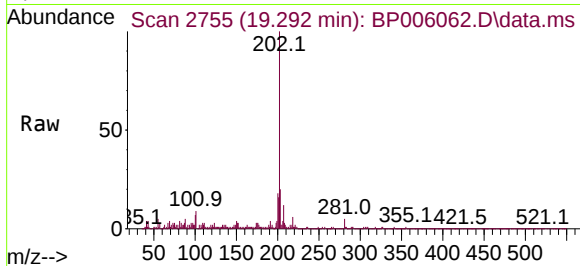




#75
Fluoranthene
Concen: 2.44 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

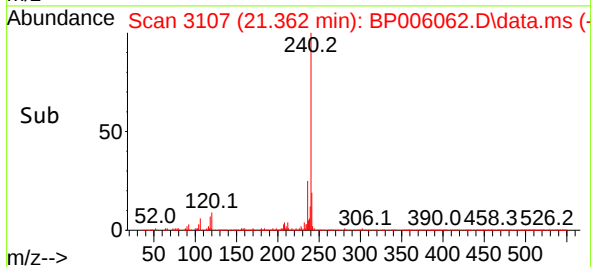
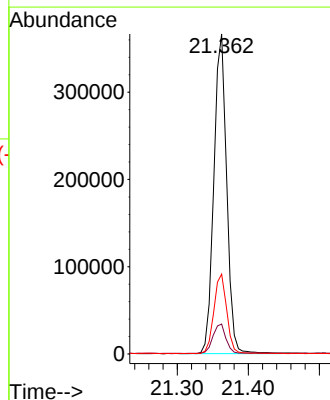
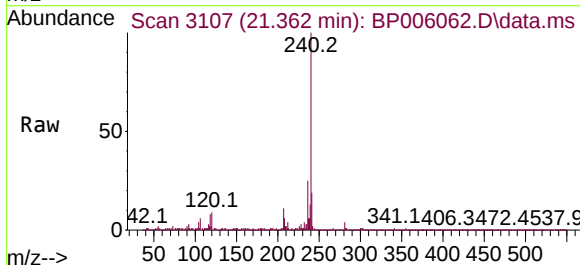
Instrument :
BNA_P
ClientSampleId :
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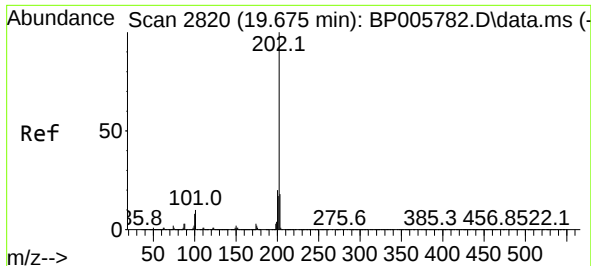
Tgt Ion:202	Resp:	66986
Ion Ratio	Lower	Upper
202	100	
101	8.8	0.0 27.6
203	20.3	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:240	Resp:	458571
Ion Ratio	Lower	Upper
240	100	
120	9.4	6.5 9.7
236	24.9	20.6 31.0

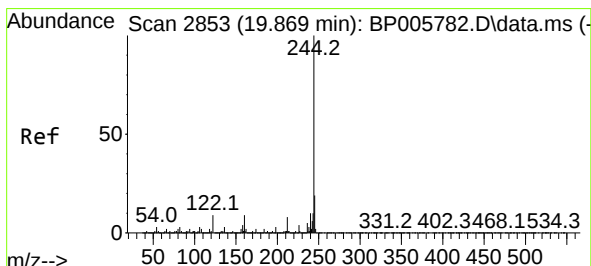
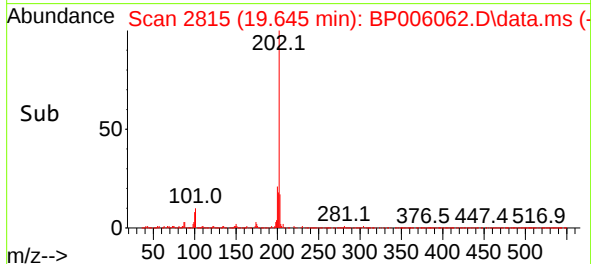
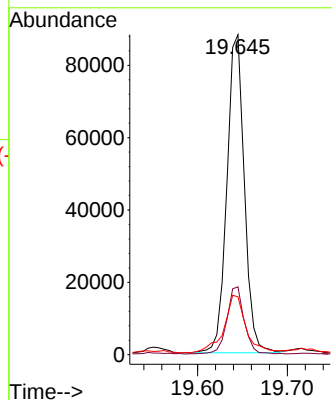
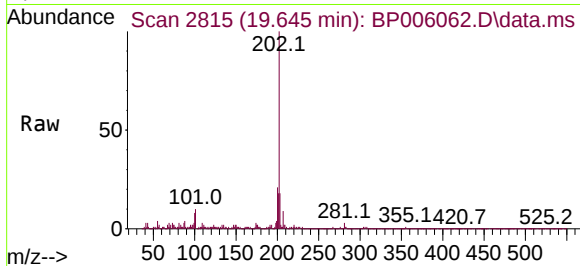




#78
Pyrene
Concen: 3.72 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

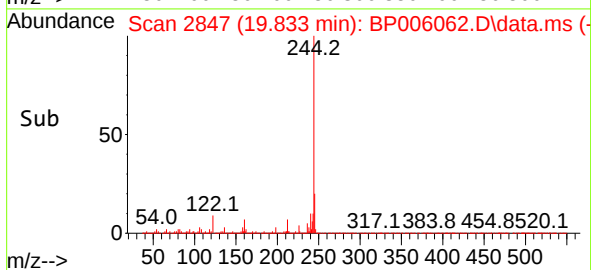
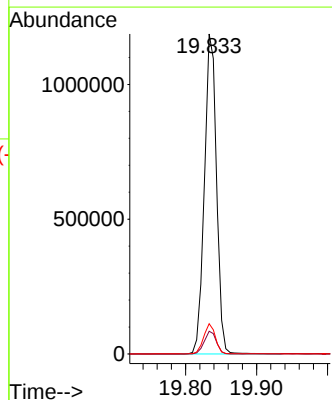
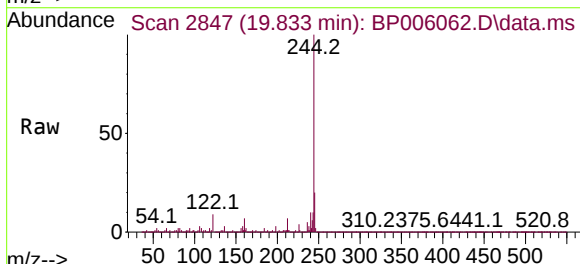
Instrument :
BNA_P
ClientSampleId :
TP-3-WC

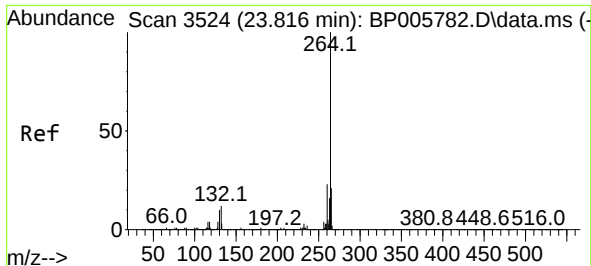
Tgt Ion:	202	Resp:	119133
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.1	14.2	21.2



#79
Terphenyl-d14
Concen: 57.58 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Tgt Ion:	244	Resp:	1410092
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.5	7.1	10.7

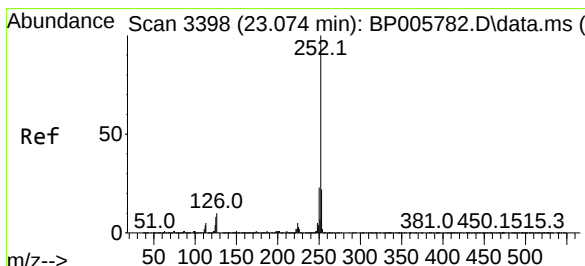
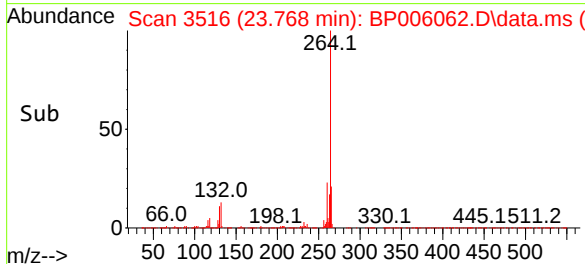
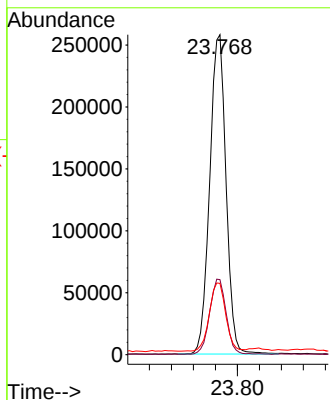
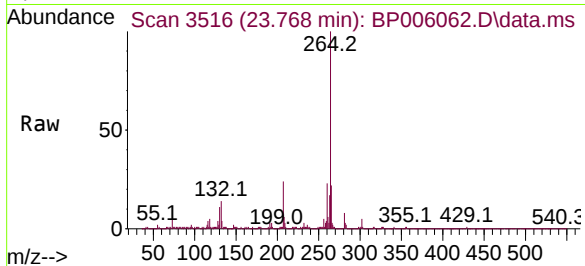




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

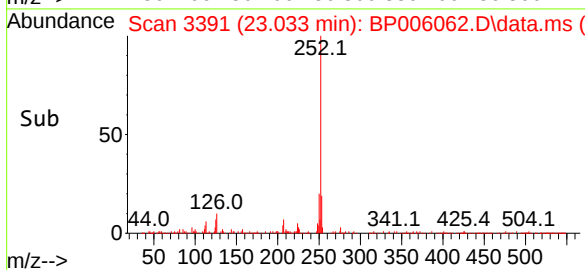
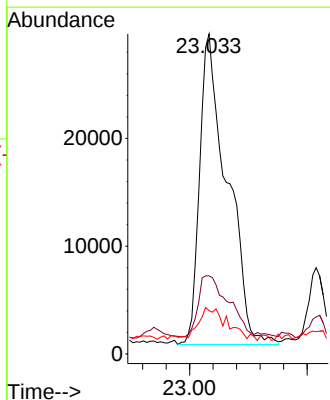
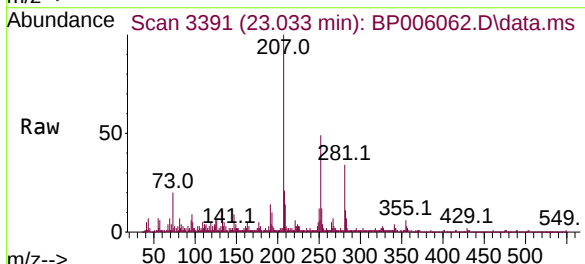
Instrument :
BNA_P
ClientSampleId :
TP-3-WC

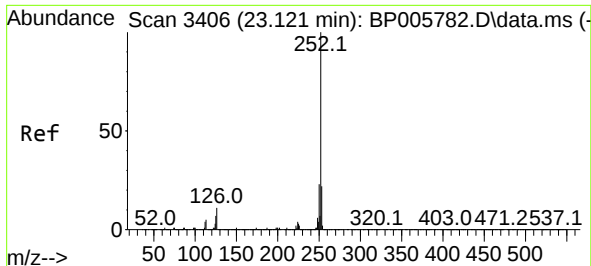
Tgt Ion:264	Resp: 533023
Ion Ratio	Lower Upper
264 100	
260 23.4	18.6 28.0
265 22.3	17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.57 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

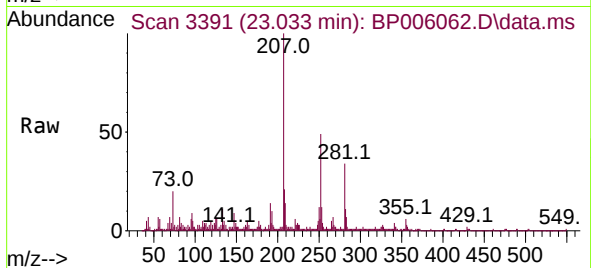
Tgt Ion:252	Resp: 93643
Ion Ratio	Lower Upper
252 100	
253 24.4	17.5 26.3
125 13.5	6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP006062.D
Acq: 24 Jun 2021 20:19

Instrument :
BNA_P
ClientSampleId :
TP-3-WC



Tgt Ion:252 Resp: 93643
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 13.5 6.0 9.0#

