

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006228.D
 Acq On : 14 Jul 2021 20:43
 Operator : CG/JU
 Sample : M3026-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-3

Quant Time: Jul 15 03:11:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

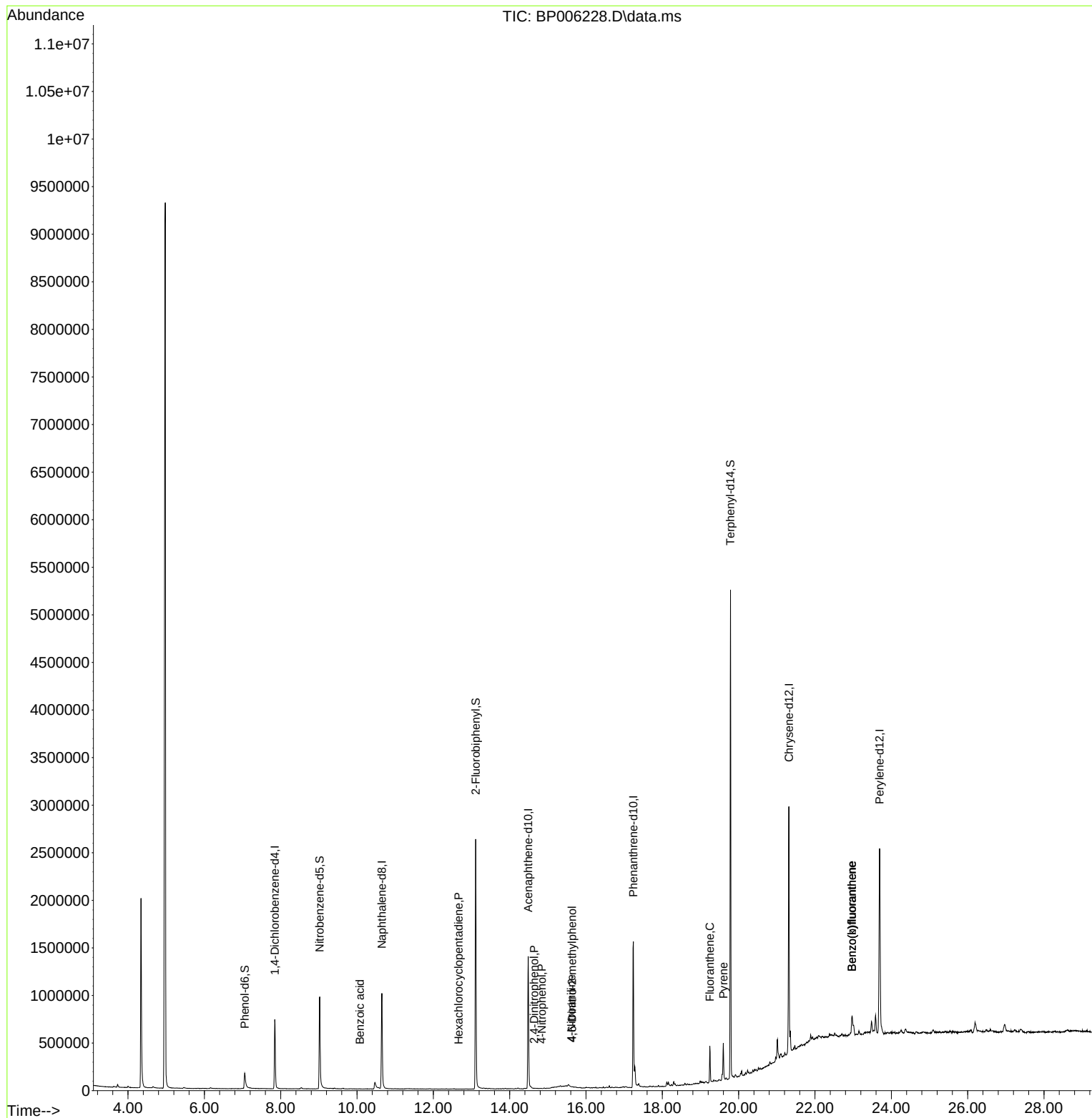
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	228623	20.00	ng	-0.02
21) Naphthalene-d8	10.652	136	950063	20.00	ng	-0.01
39) Acenaphthene-d10	14.487	164	517923	20.00	ng	-0.01
64) Phenanthrene-d10	17.240	188	1038357	20.00	ng	#-0.01
76) Chrysene-d12	21.316	240	1089759	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	1368349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	7673	0.58	ng	0.02
7) Phenol-d6	7.058	99	159051	9.05	ng	0.01
23) Nitrobenzene-d5	9.022	82	670541	44.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1166	0.19	ng	0.01
45) 2-Fluorobiphenyl	13.110	172	1413959	40.36	ng	-0.01
79) Terphenyl-d14	19.786	244	2106965	38.12	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.075	122	68	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.663	237	24	8.71	ng	88
54) 2,4-Dinitrophenol	14.640	184	16	8.88	ng	# 1
56) 4-Nitrophenol	14.840	139	113	7.14	ng	84
62) 4-Nitroaniline	15.616	138	209	2.98	ng	# 26
65) 4,6-Dinitro-2-methylph...	15.634	198	74	4.43	ng	# 1
75) Fluoranthene	19.245	202	219973	3.42	ng	95
78) Pyrene	19.598	202	221092	3.00	ng	100
88) Benzo(b)fluoranthene	22.969	252	172815	2.08	ng	# 90
89) Benzo(k)fluoranthene	22.969	252	172815	2.13	ng	# 90

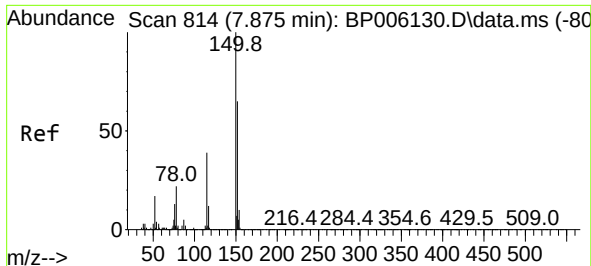
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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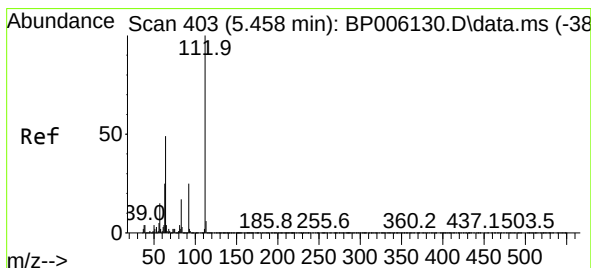
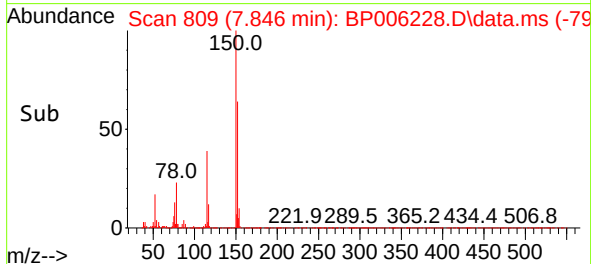
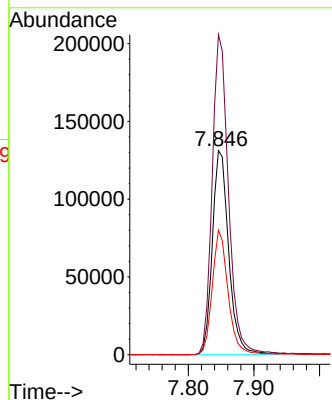
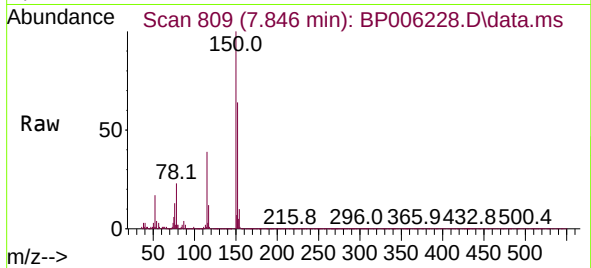




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

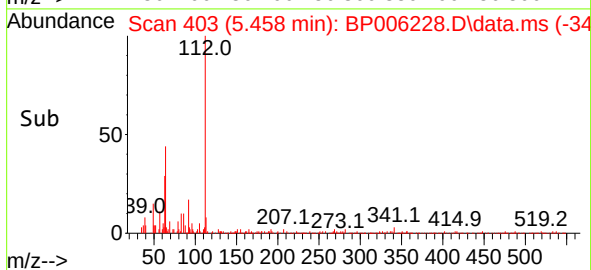
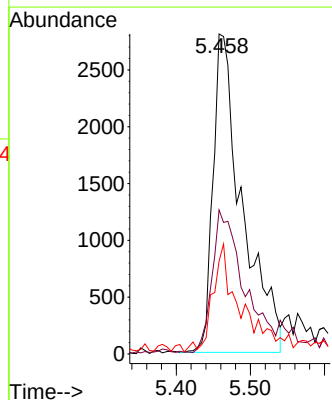
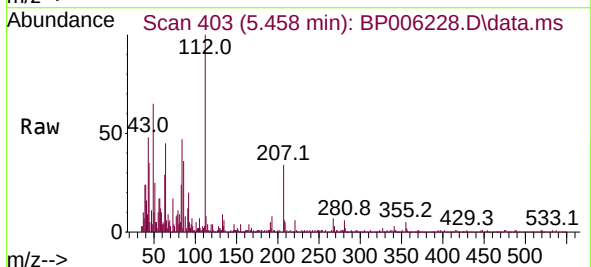
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

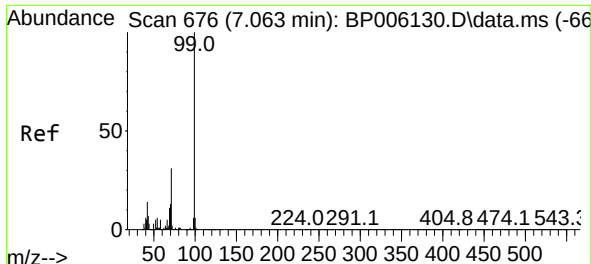
Tgt Ion:152 Resp: 228623
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 60.9 48.5 72.7



#5
2-Fluorophenol
Concen: 0.58 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.018 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:112 Resp: 7673
Ion Ratio Lower Upper
112 100
64 45.0 41.4 62.2
63 29.0 23.8 35.8

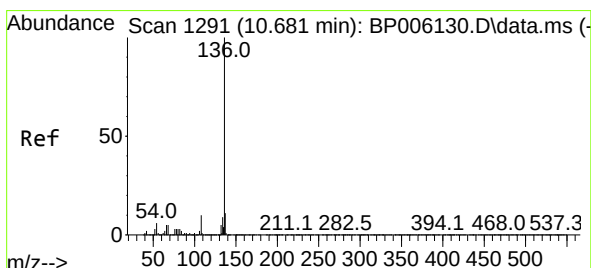
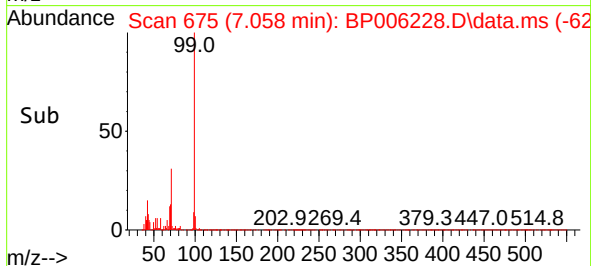
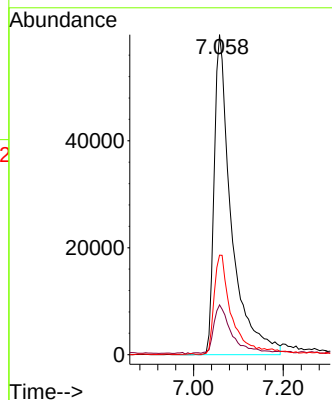
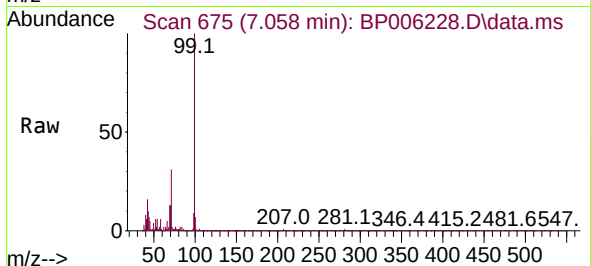




#7
Phenol-d6
Concen: 9.05 ng
RT: 7.058 min Scan# 675
Delta R.T. 0.012 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

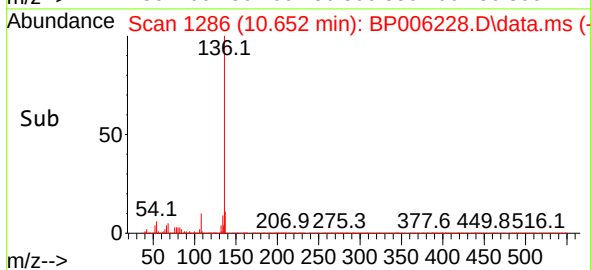
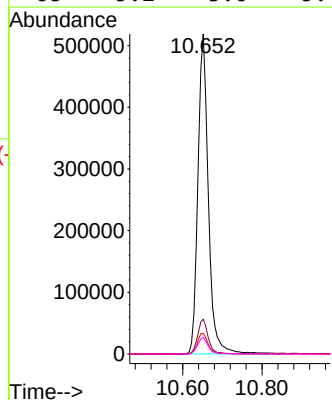
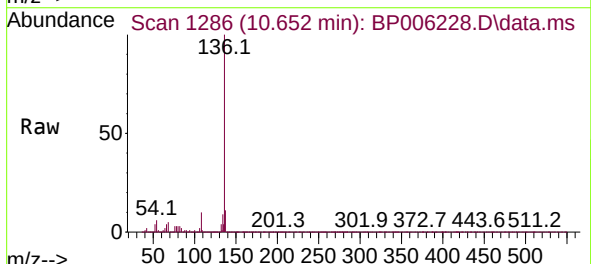
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

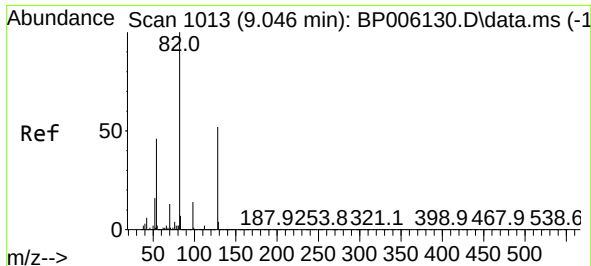
Tgt Ion:	99	Resp:	159051
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	31.1	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:	136	Resp:	950063
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.4	4.6	6.8
68	5.2	3.6	5.4

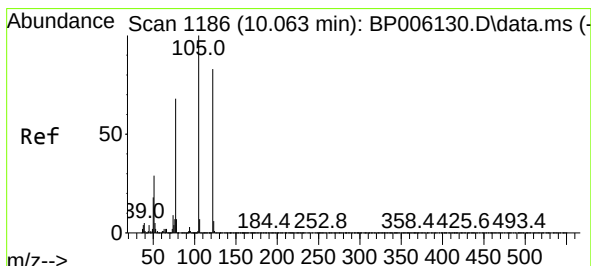
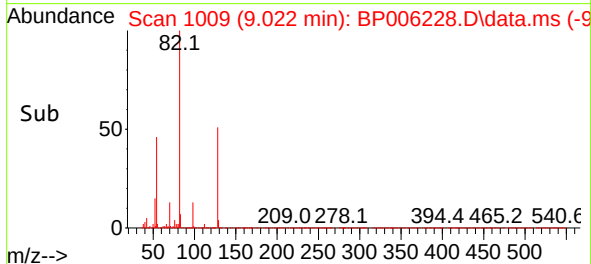
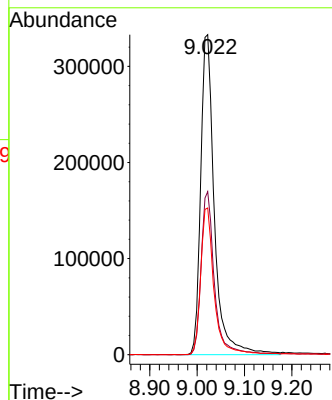
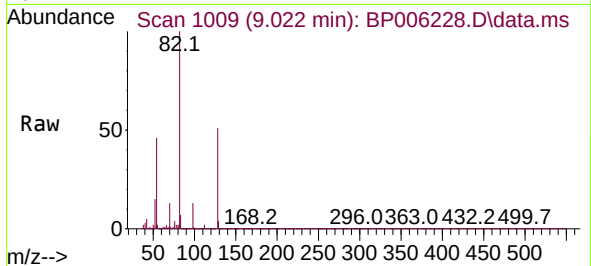




#23
Nitrobenzene-d5
Concen: 44.58 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

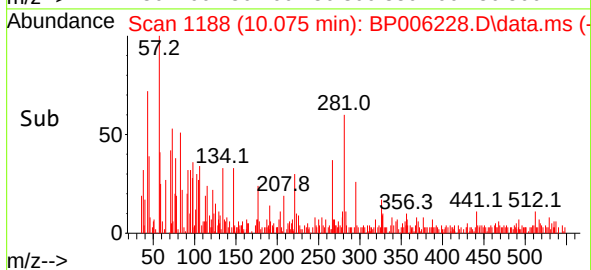
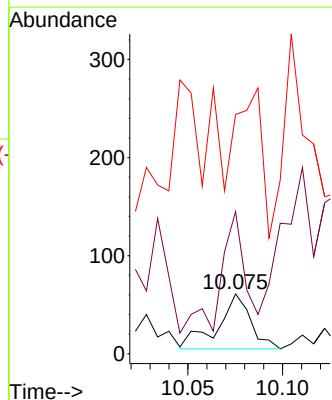
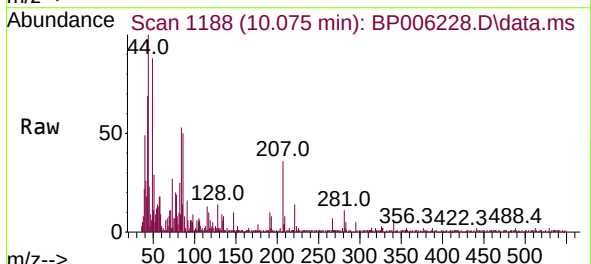
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

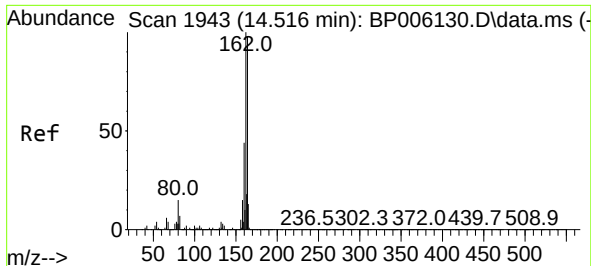
Tgt Ion: 82 Resp: 670541
Ion Ratio Lower Upper
82 100
128 51.0 35.7 53.5
54 45.9 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 237.7 103.2 143.2#
77 400.0 76.2 116.2#

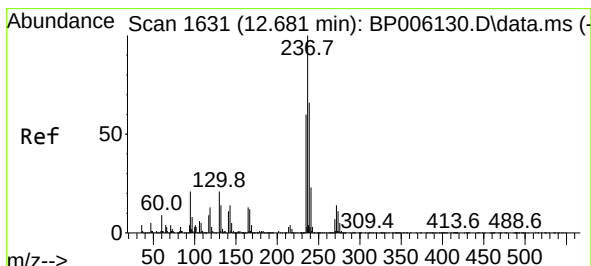
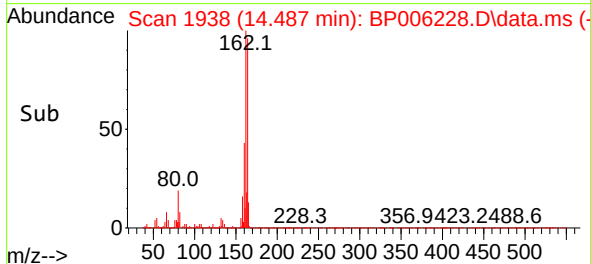
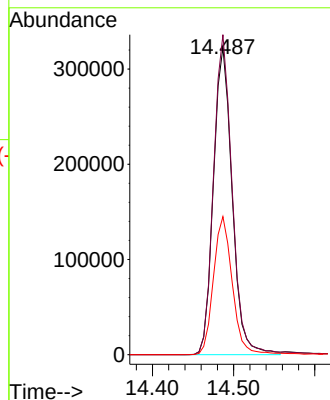
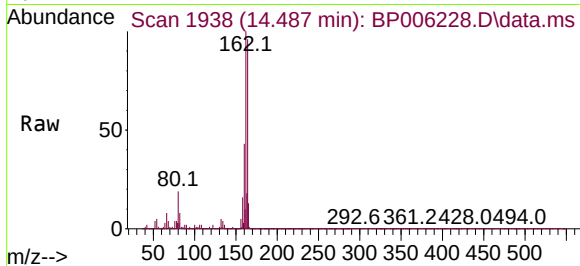




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

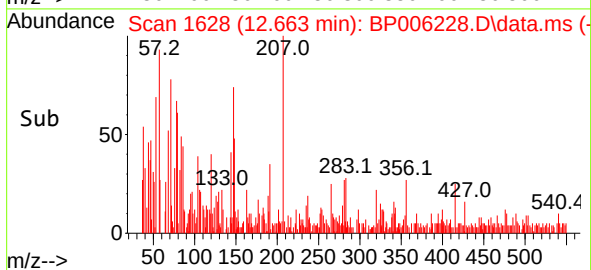
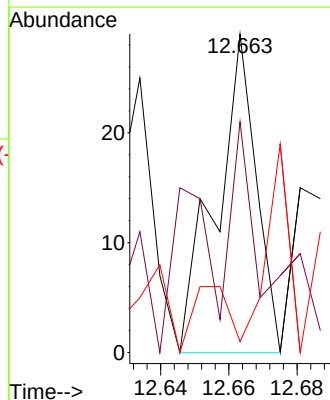
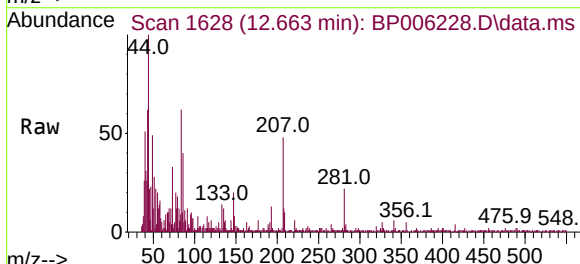
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

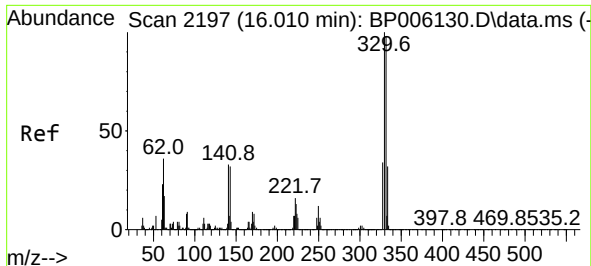
Tgt Ion:164	Resp: 517923		
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.2	120.2
160	45.0	34.5	51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.005 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:237	Resp: 24	
Ion Ratio	Lower	Upper
237	100	
235	72.4	44.5 84.5
272	3.4	0.0 32.5

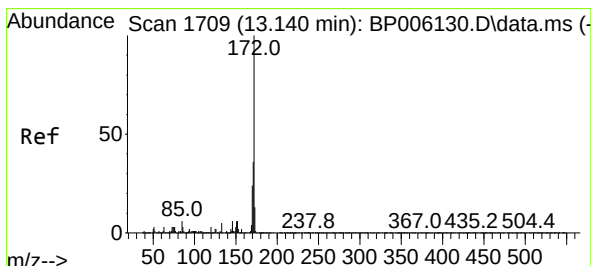
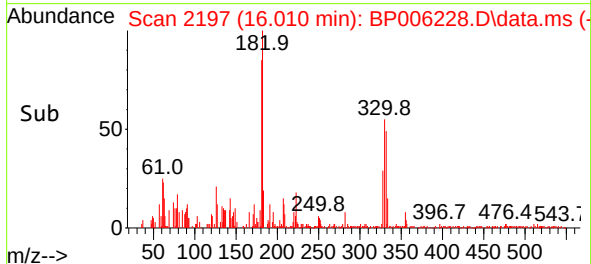
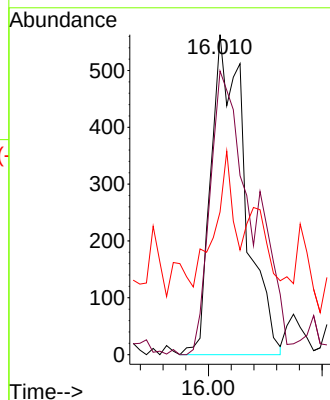
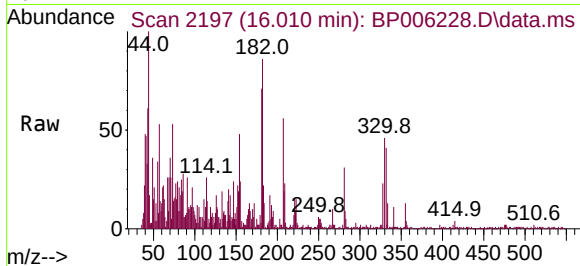




#42
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.012 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

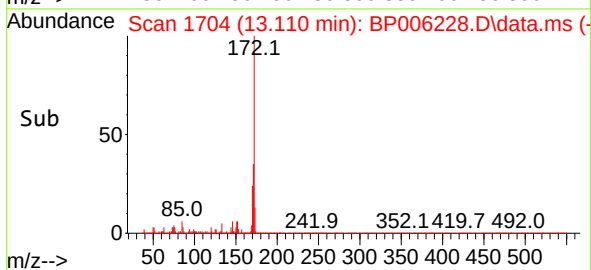
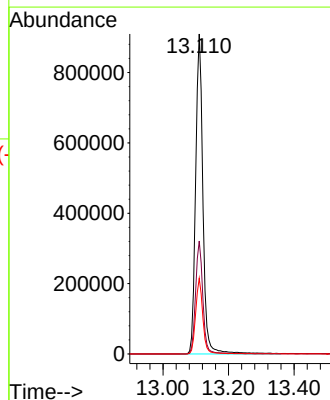
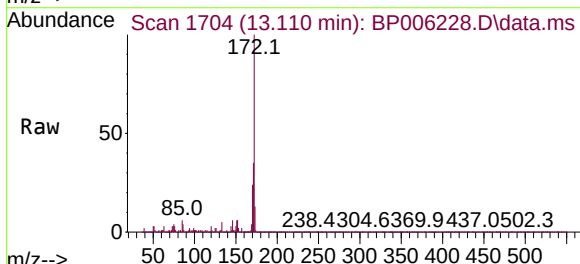
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

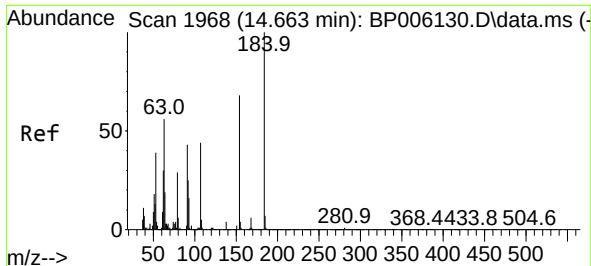
Tgt Ion:	330	Resp:	1166
Ion Ratio	Lower	Upper	
330	100		
332	85.6	77.8	116.8
141	35.4	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 40.36 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:	172	Resp:	1413959
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.9	41.9
170	23.7	18.6	27.8

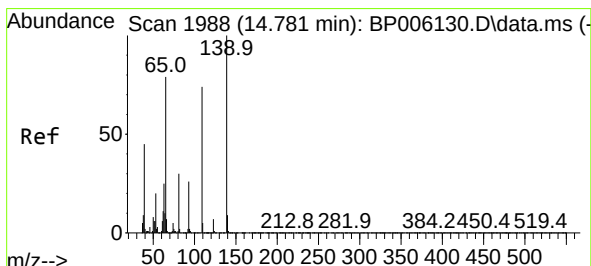
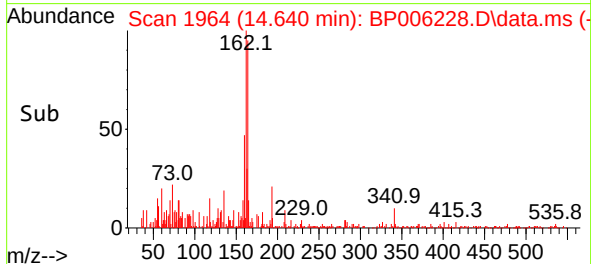
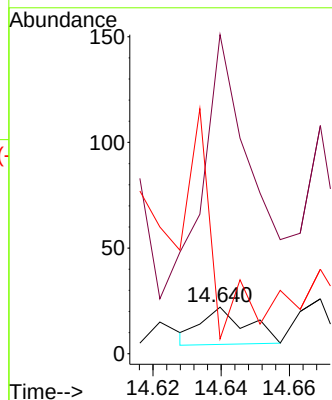
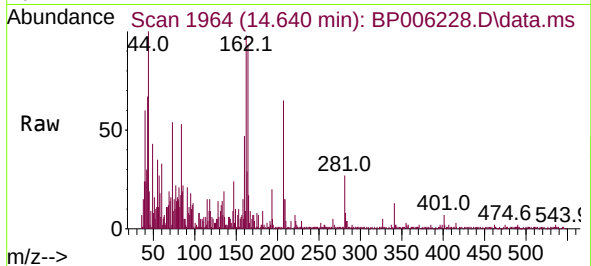




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.640 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

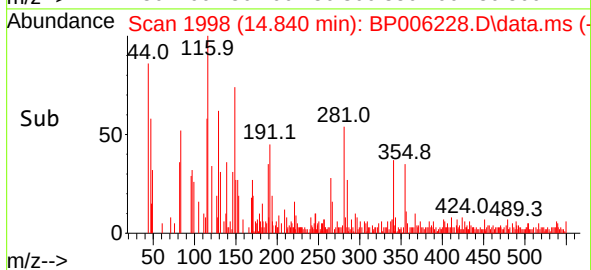
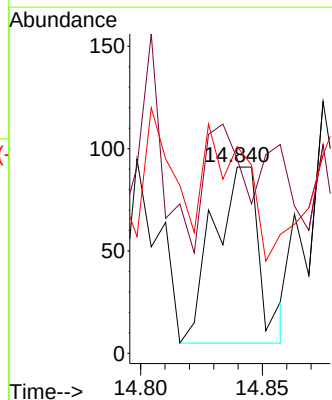
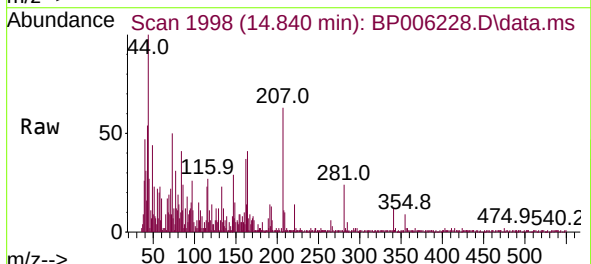
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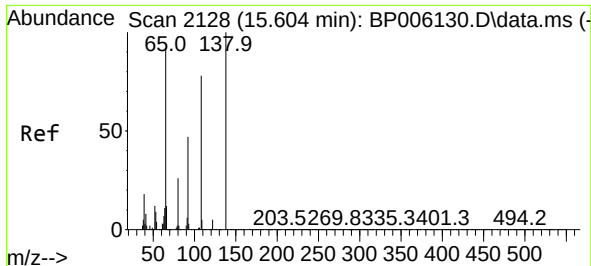
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 686.4 47.0 70.6#
154 31.8 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.840 min Scan# 1998
Delta R.T. 0.071 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 104.4 72.3 112.3
65 111.0 72.5 112.5

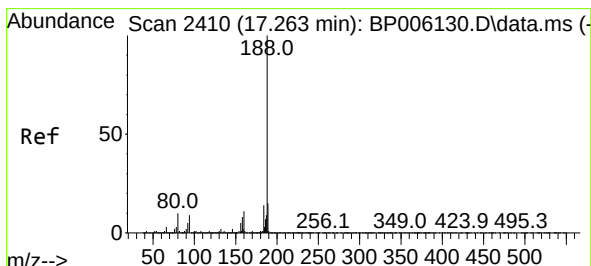
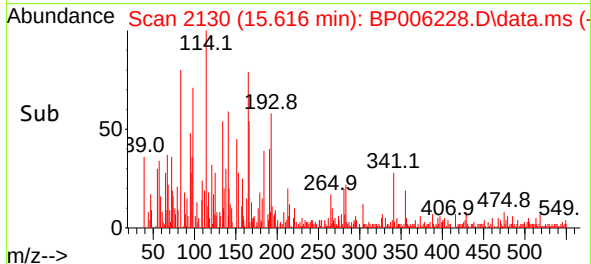
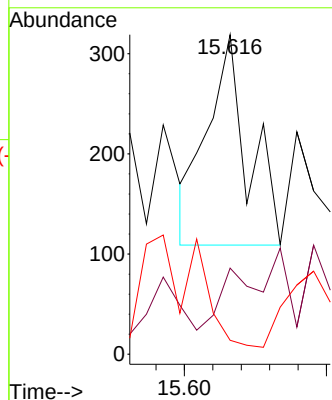
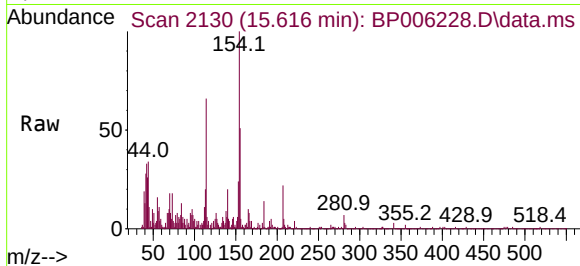




#62
4-Nitroaniline
Concen: 2.98 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.024 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

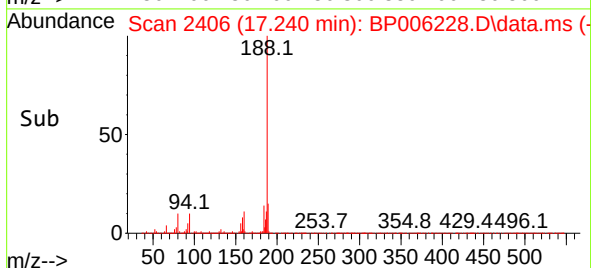
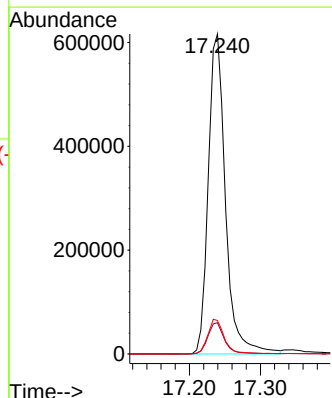
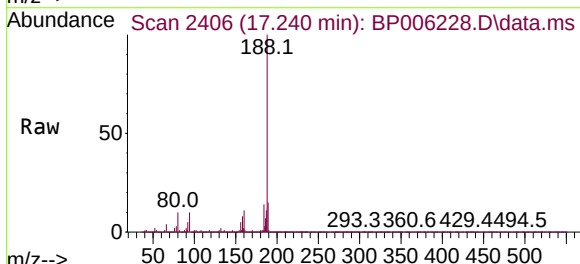
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

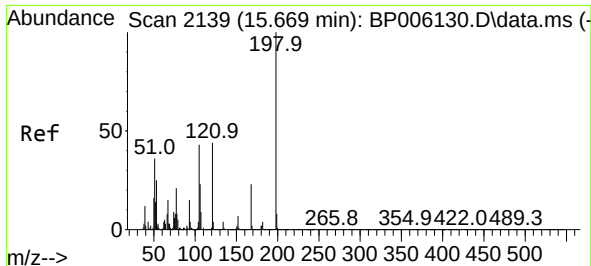
Tgt Ion:138 Resp: 209
Ion Ratio Lower Upper
138 100
92 27.0 31.2 71.2#
108 4.4 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.240 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:188 Resp: 1038357
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 10.4 6.3 9.5#

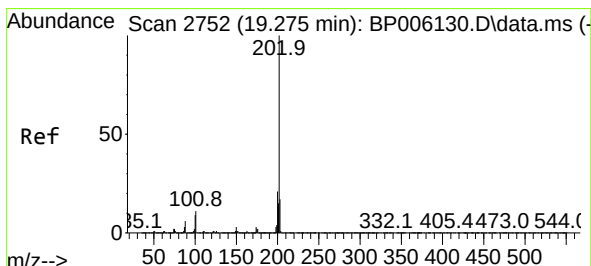
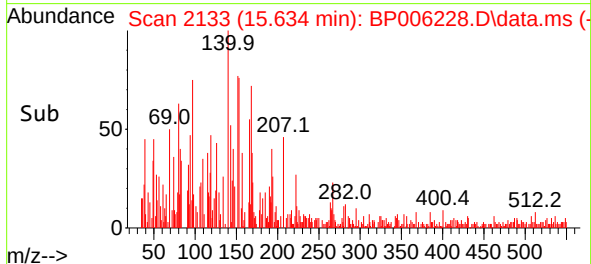
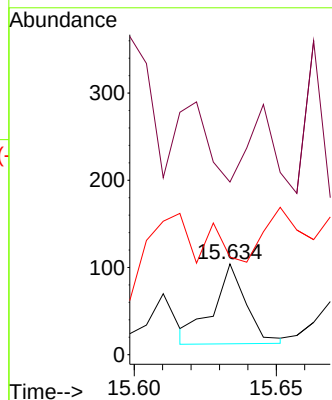
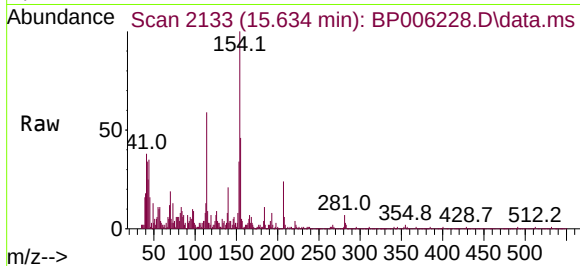




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.023 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

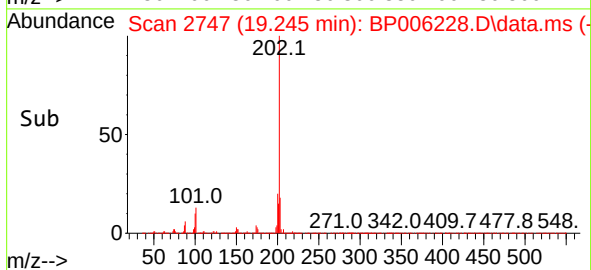
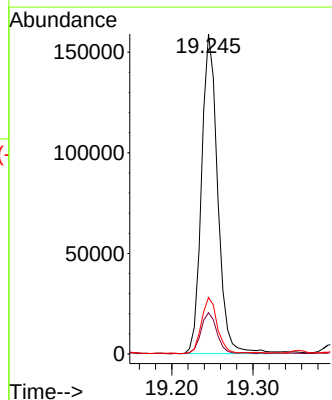
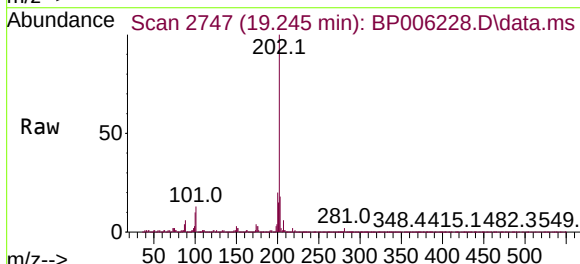
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

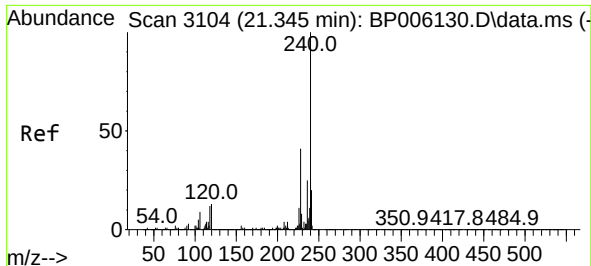
Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 190.4 14.0 54.0#
105 107.7 19.5 59.5#



#75
Fluoranthene
Concen: 3.42 ng
RT: 19.245 min Scan# 2747
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:202 Resp: 219973
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.6 0.0 37.8

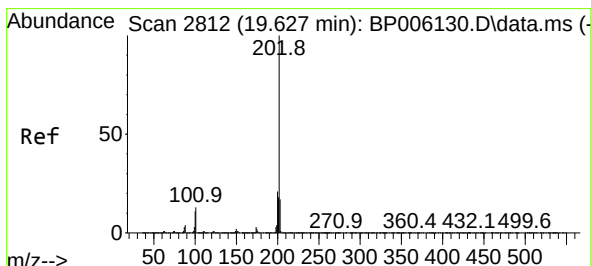
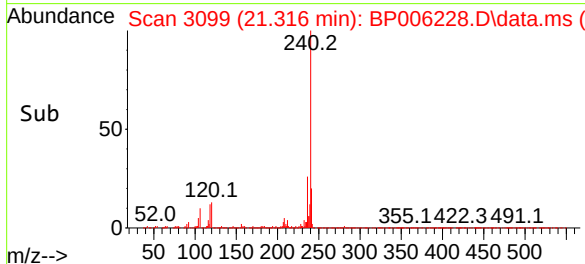
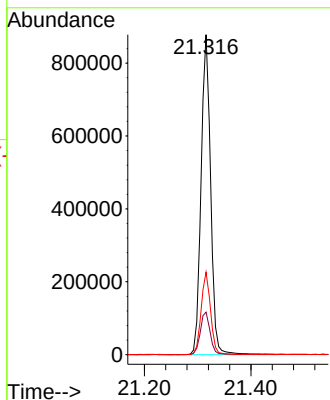
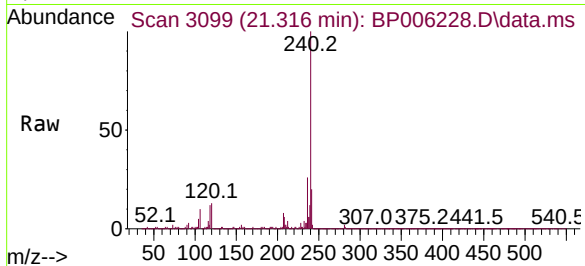




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

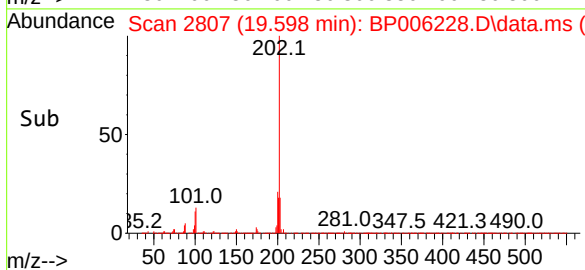
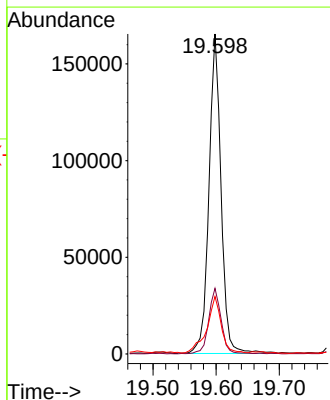
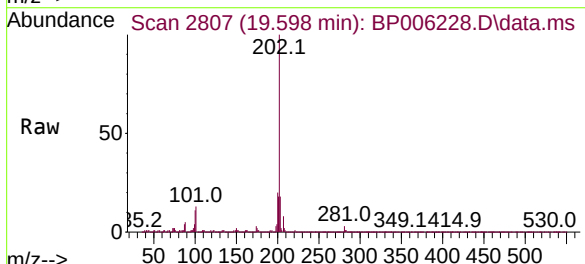
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

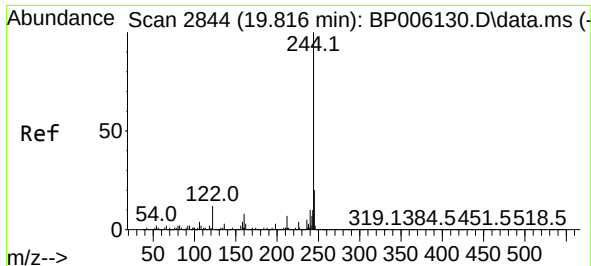
Tgt Ion:240 Resp: 1089759
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.00 ng
RT: 19.598 min Scan# 2807
Delta R.T. -0.011 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:202 Resp: 221092
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.9 14.2 21.2

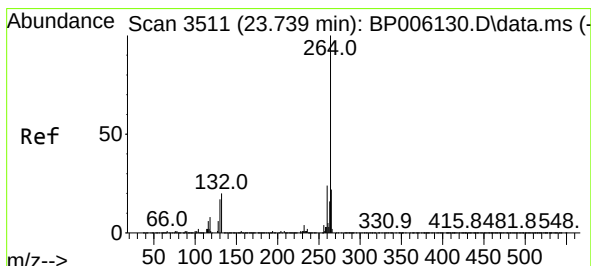
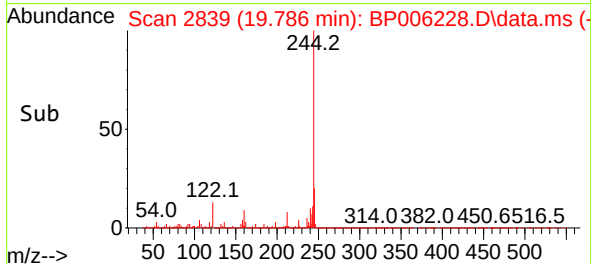
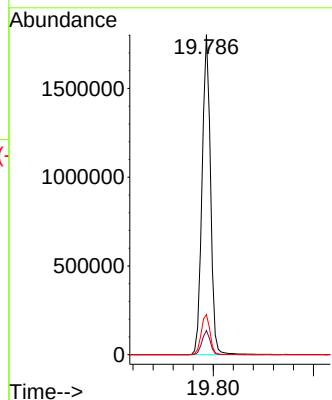
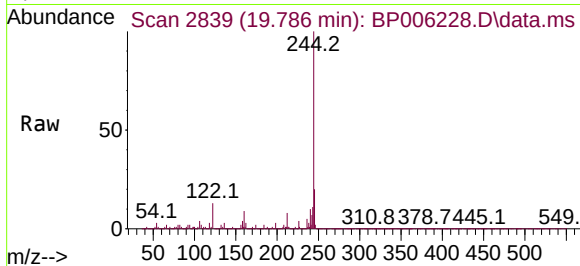




#79
 Terphenyl-d14
 Concen: 38.12 ng
 RT: 19.786 min Scan# 2839
 Delta R.T. -0.017 min
 Lab File: BP006228.D
 Acq: 14 Jul 2021 20:43

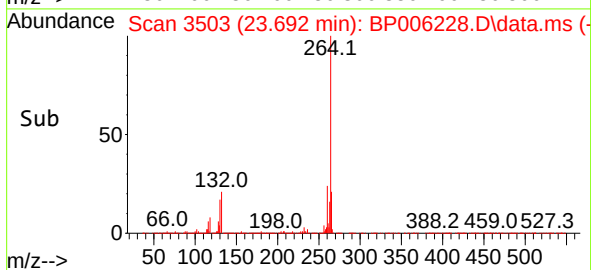
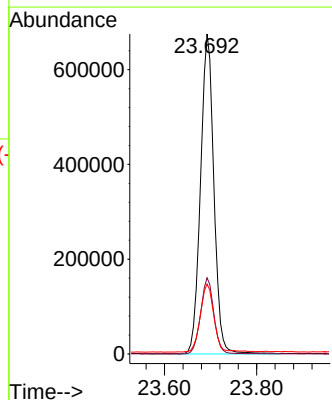
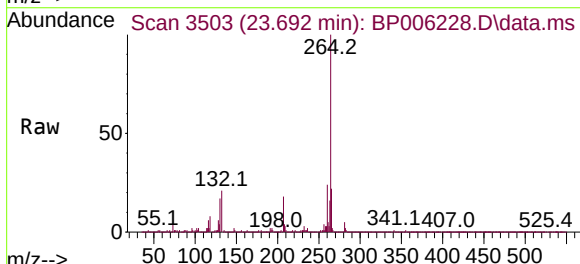
Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-3

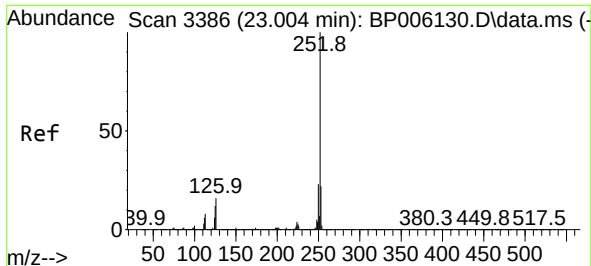
Tgt Ion:244 Resp: 2106965
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.692 min Scan# 3503
 Delta R.T. -0.023 min
 Lab File: BP006228.D
 Acq: 14 Jul 2021 20:43

Tgt Ion:264 Resp: 1368349
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.9 17.6 26.4

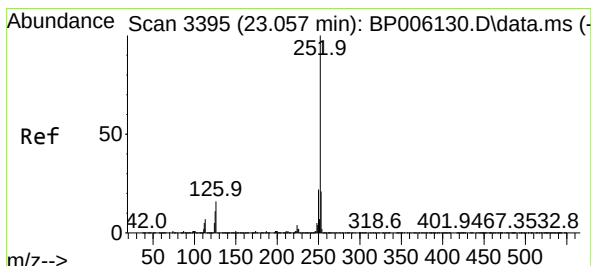
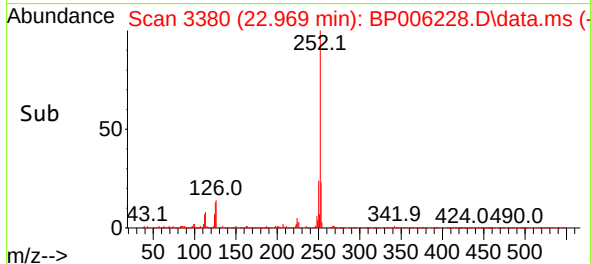
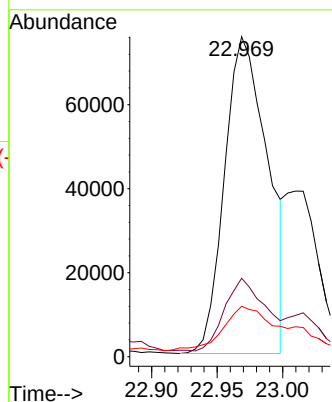
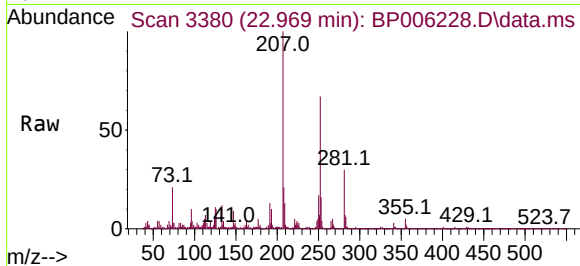




#88
Benzo(b)fluoranthene
Concen: 2.08 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.017 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Instrument :
BNA_P
ClientSampled :
ABN-JG-3

Tgt Ion:252 Resp: 172815
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 15.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.064 min
Lab File: BP006228.D
Acq: 14 Jul 2021 20:43

Tgt Ion:252 Resp: 172815
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 15.8 6.0 9.0#

