

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
 Data File : BP008950.D
 Acq On : 27 Jan 2022 17:31
 Operator : CG/JU
 Sample : N1266-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-07-(2-3)

Quant Time: Jan 28 02:18:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

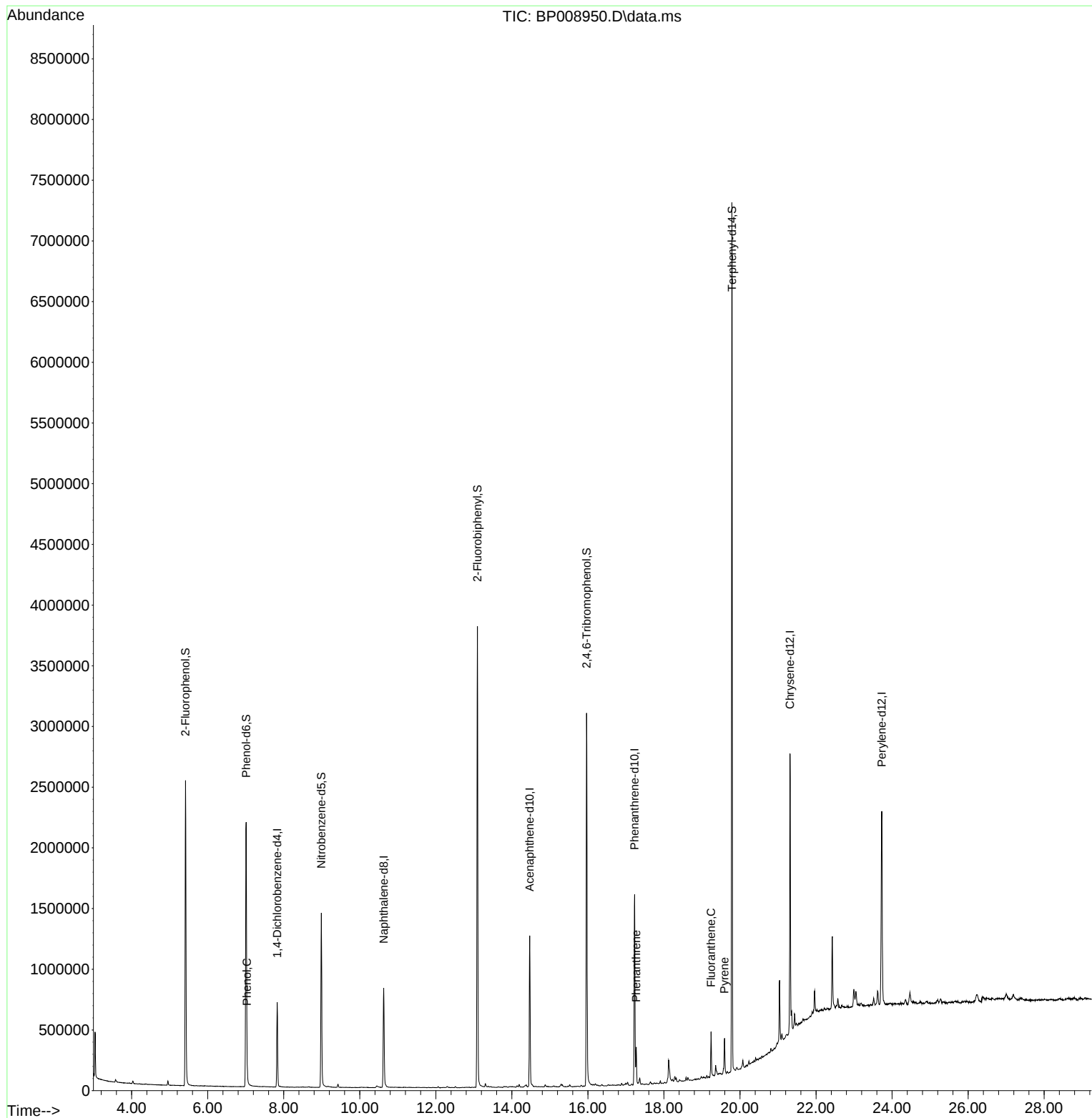
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	208006	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	763604	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	485972	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	1029613	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1105576	20.000	ng	-0.02
86) Perylene-d12	23.727	264	1222859	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1230473	91.479	ng	-0.01
7) Phenol-d6	7.011	99	1484905	91.165	ng	-0.01
23) Nitrobenzene-d5	8.987	82	907431	67.467	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	699065	98.824	ng	-0.02
45) 2-Fluorobiphenyl	13.093	172	2155525	58.493	ng	-0.01
79) Terphenyl-d14	19.786	244	3406984	52.016	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.034	94	36508	2.199	ng	# 66
71) Phenanthrene	17.269	178	197083	3.400	ng	98
75) Fluoranthene	19.239	202	201424	3.124	ng	96
78) Pyrene	19.592	202	187050	2.425	ng	97

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

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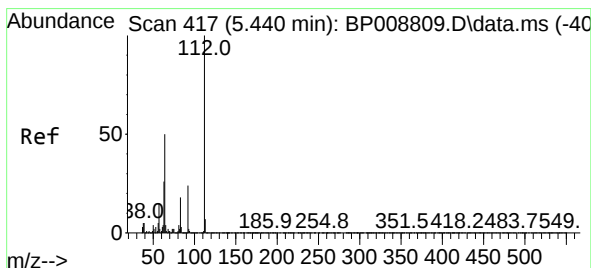
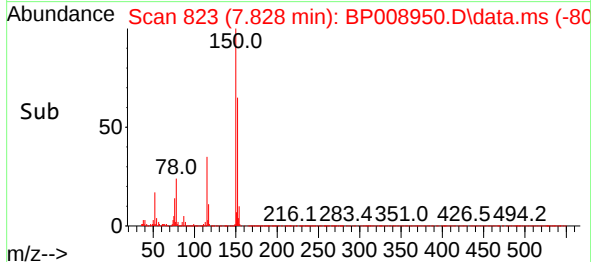
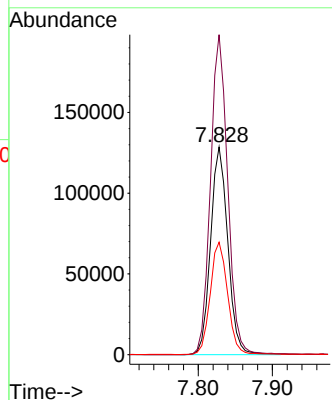
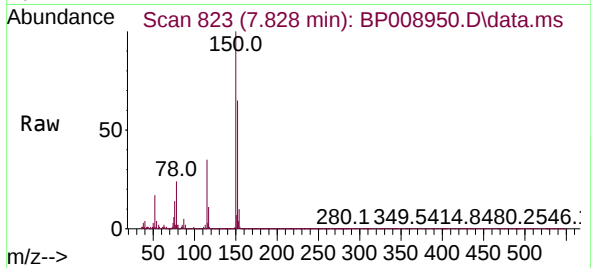




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

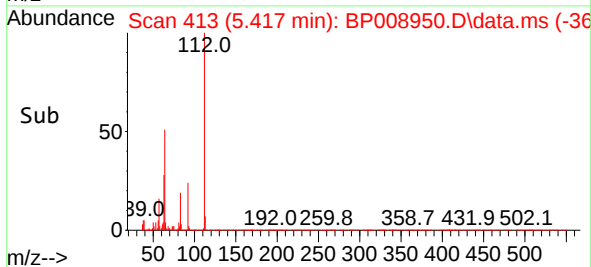
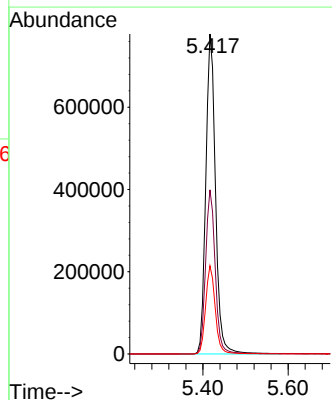
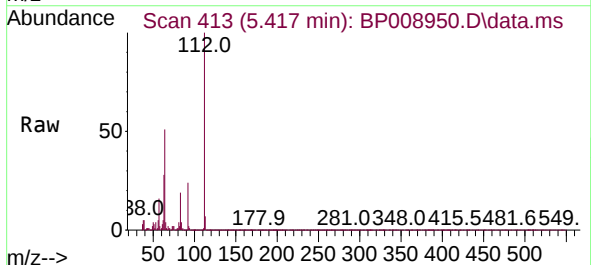
Instrument :
BNA_P
ClientSampleId :
RB-07-(2-3)

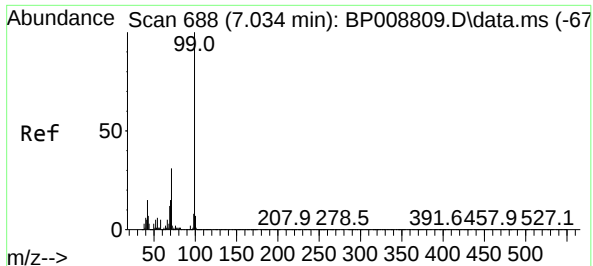
Tgt Ion:152 Resp: 208006
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 54.2 43.7 65.5



#5
2-Fluorophenol
Concen: 91.479 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:112 Resp: 1230473
Ion Ratio Lower Upper
112 100
64 51.3 39.7 59.5
63 27.6 20.0 30.0

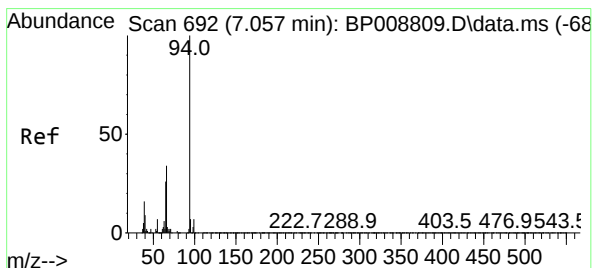
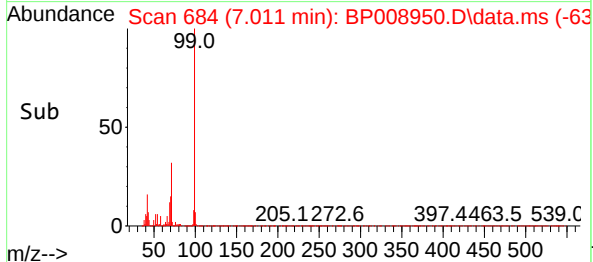
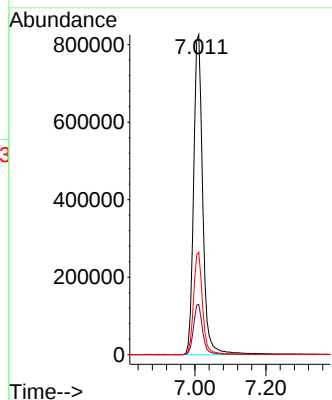
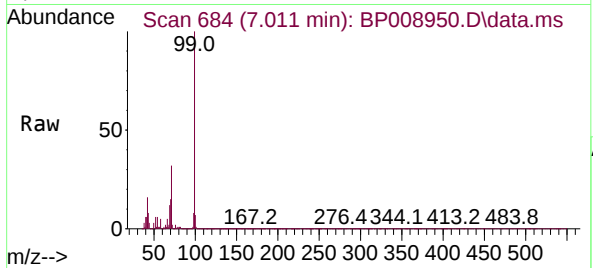




#7
Phenol-d6
Concen: 91.165 ng
RT: 7.011 min Scan# 684
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

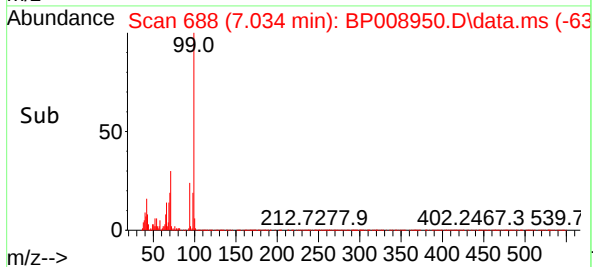
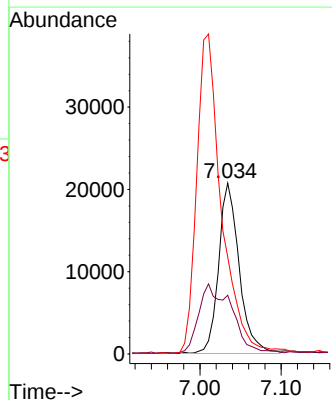
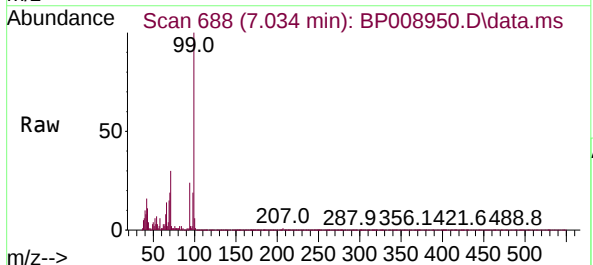
Instrument :
BNA_P
ClientSampleId :
RB-07-(2-3)

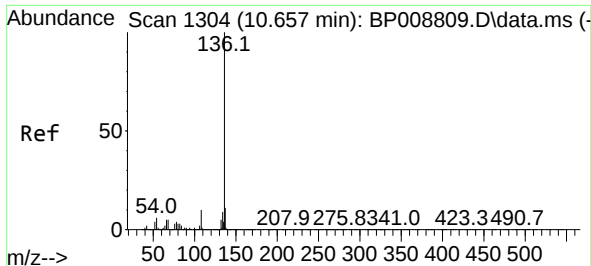
Tgt Ion: 99 Resp: 1484905
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 32.0 23.8 35.6



#10
Phenol
Concen: 2.199 ng
RT: 7.034 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion: 94 Resp: 36508
Ion Ratio Lower Upper
94 100
65 34.4 4.1 44.1
66 56.8 12.4 52.4#

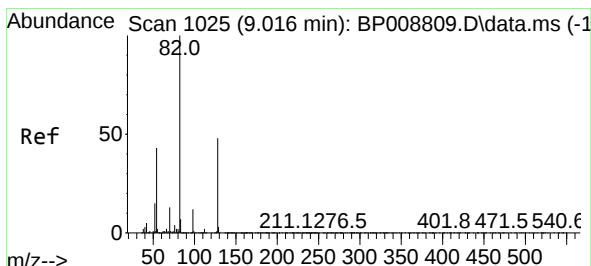
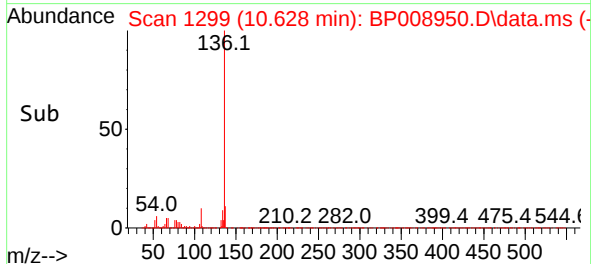
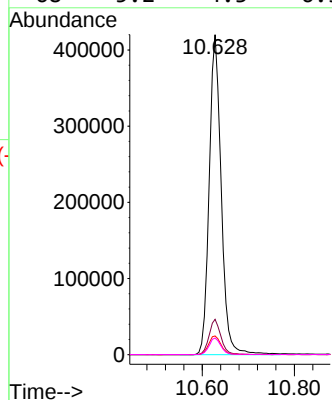
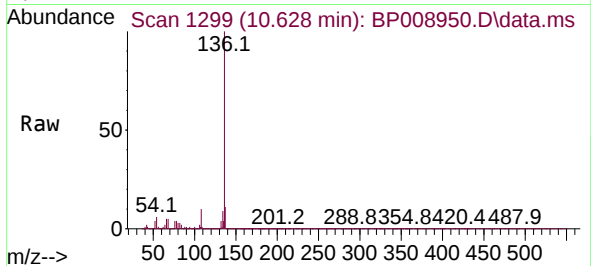




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

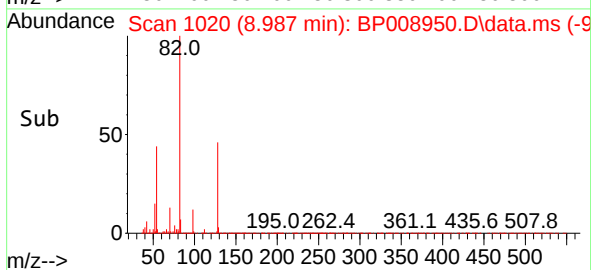
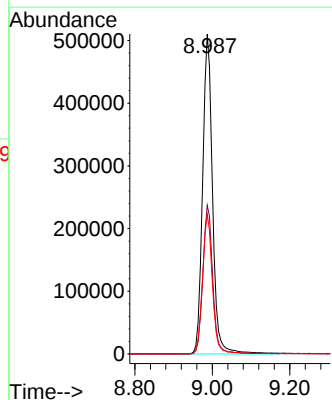
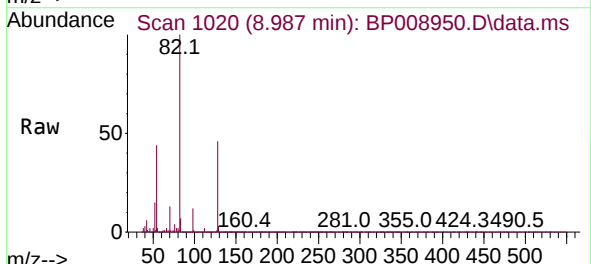
Instrument :
BNA_P
ClientSampleId :
RB-07-(2-3)

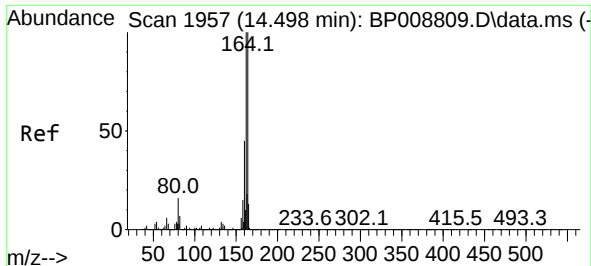
Tgt Ion:	136	Resp:	763604
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	5.8	4.9	7.3
68	5.2	4.3	6.5



#23
Nitrobenzene-d5
Concen: 67.467 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:	82	Resp:	907431
Ion Ratio	Lower	Upper	
82	100		
128	46.5	39.4	59.2
54	43.6	32.6	48.8

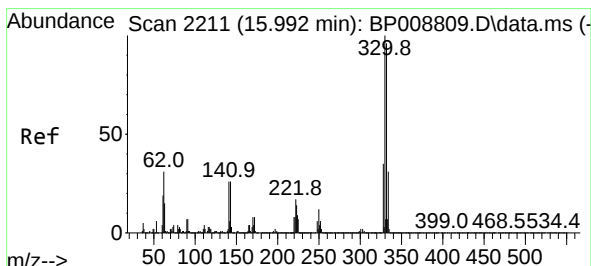
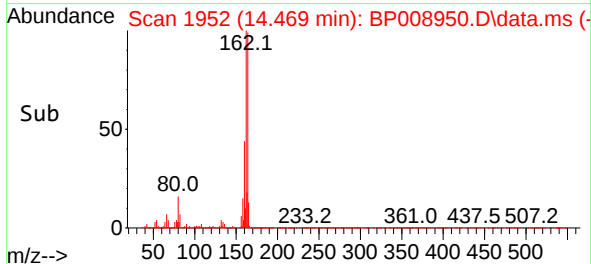
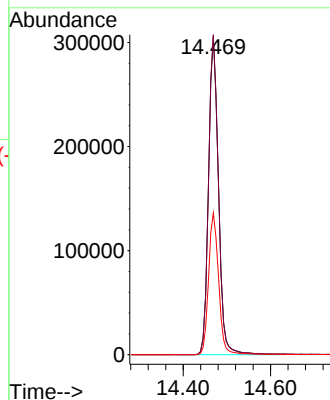
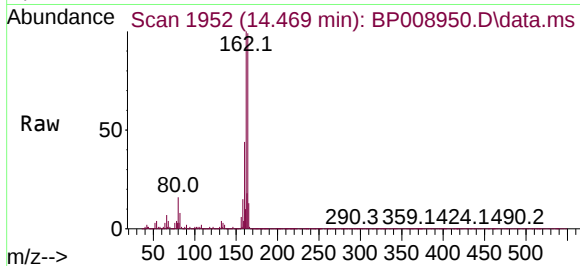




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

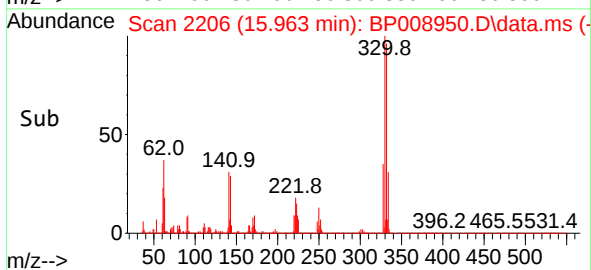
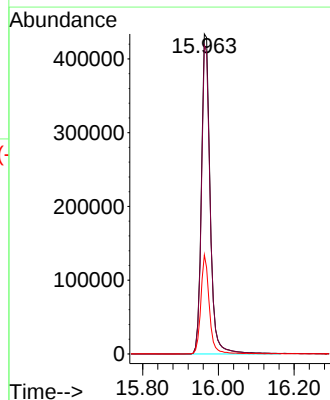
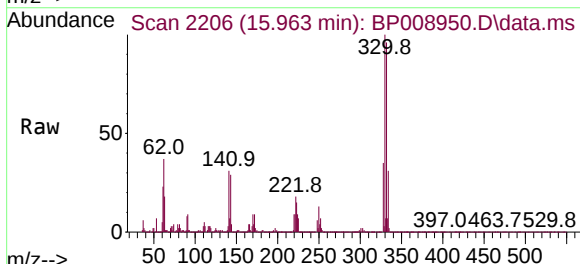
Instrument :
BNA_P
ClientSampleId :
RB-07-(2-3)

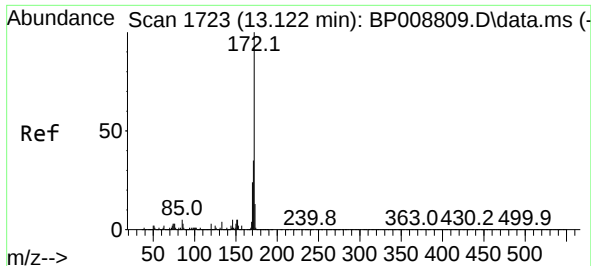
Tgt Ion:164 Resp: 485972
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 98.824 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.018 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:330 Resp: 699065
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 29.9 21.3 31.9

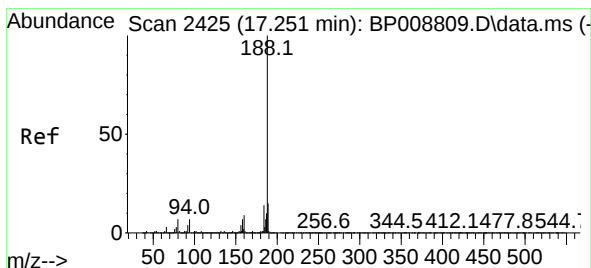
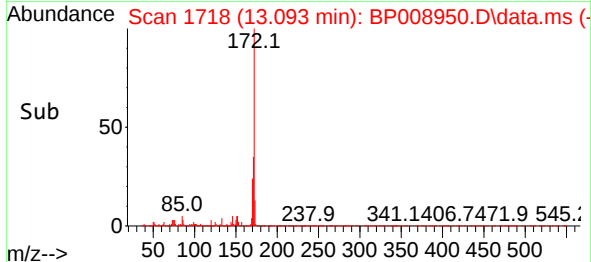
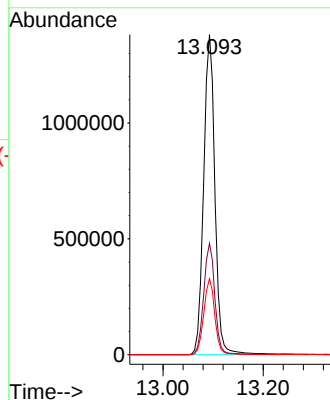
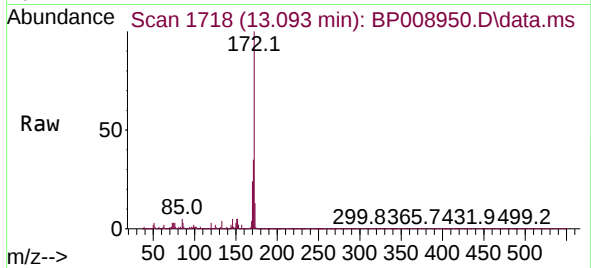




#45
2-Fluorobiphenyl
Concen: 58.493 ng
RT: 13.093 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

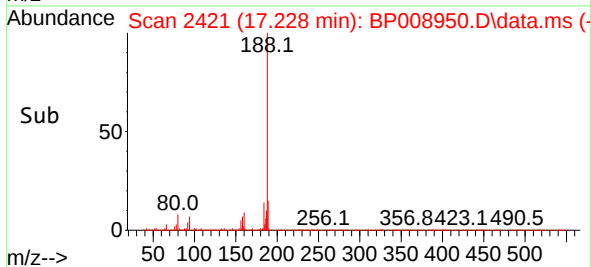
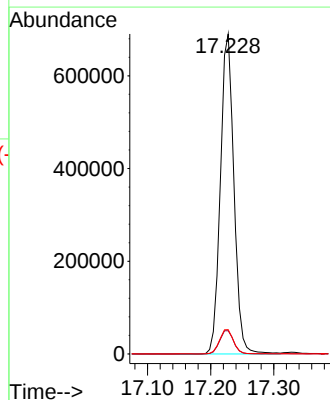
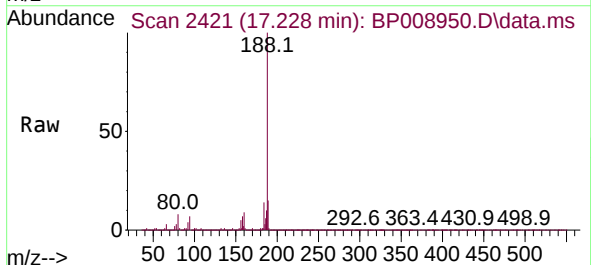
Instrument :
BNA_P
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RB-07-(2-3)

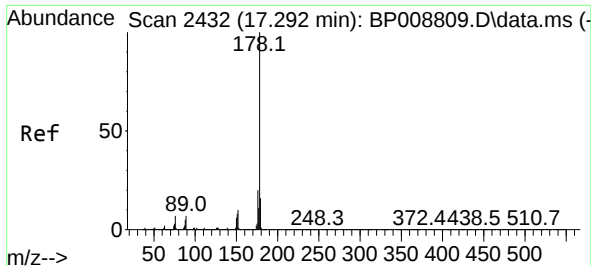
Tgt Ion:172 Resp: 2155525
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 23.8 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:188 Resp: 1029613
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.2 10.8

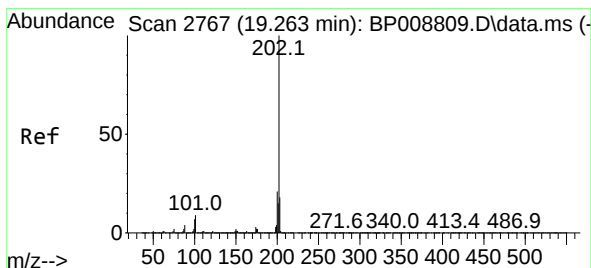
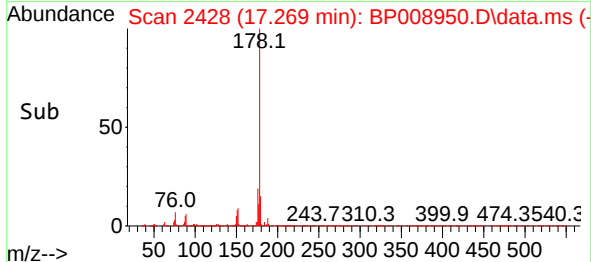
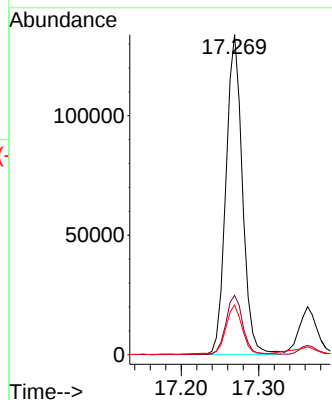
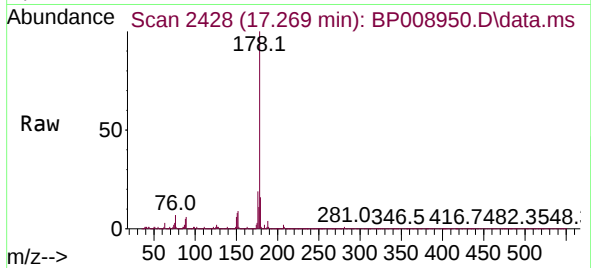




#71
Phenanthrene
Concen: 3.400 ng
RT: 17.269 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

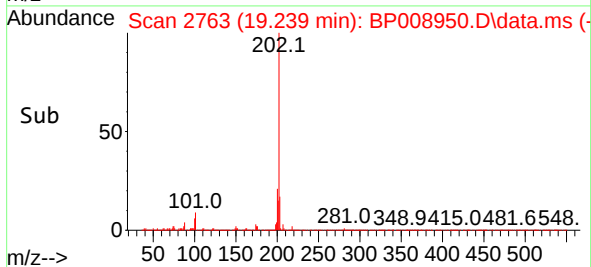
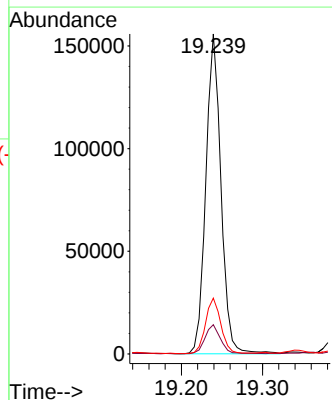
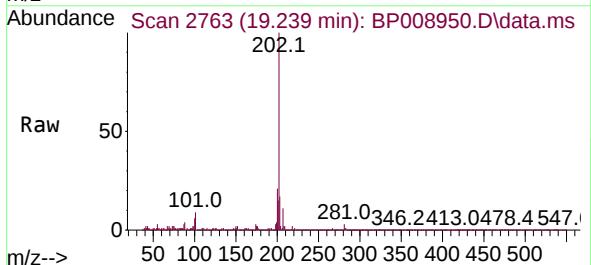
Instrument :
BNA_P
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RB-07-(2-3)

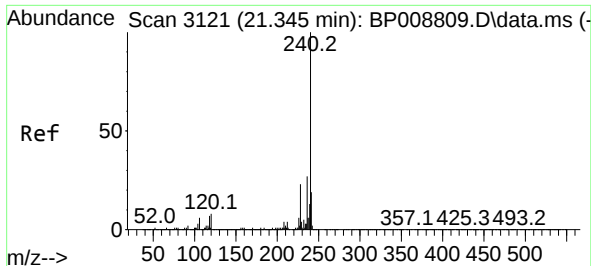
Tgt Ion:178 Resp: 197083
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.6 13.0 19.4



#75
Fluoranthene
Concen: 3.124 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:202 Resp: 201424
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.4 0.0 38.9

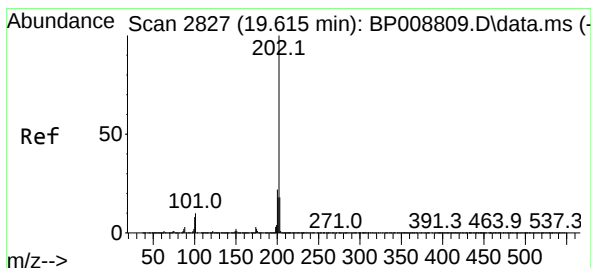
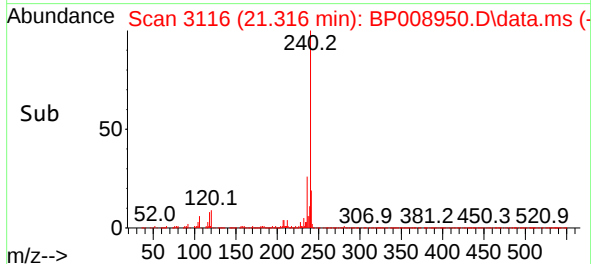
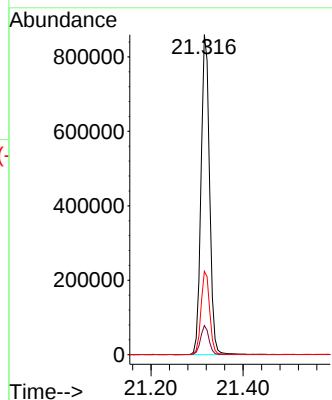
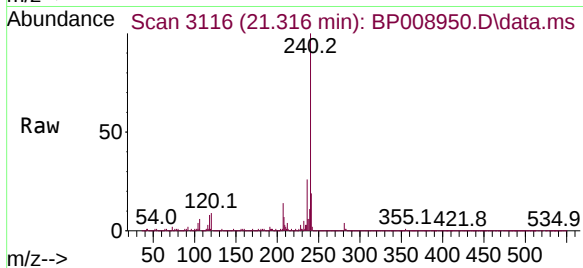




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

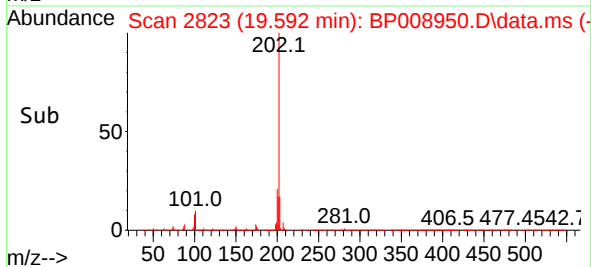
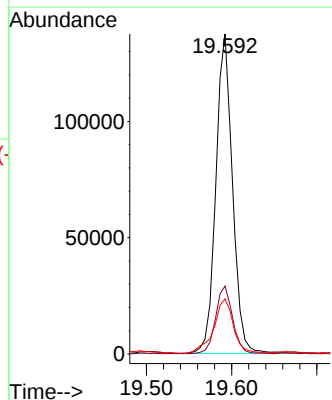
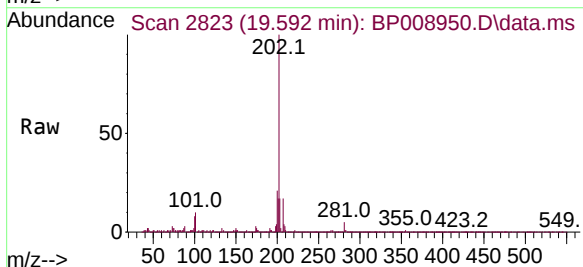
Instrument :
BNA_P
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RB-07-(2-3)

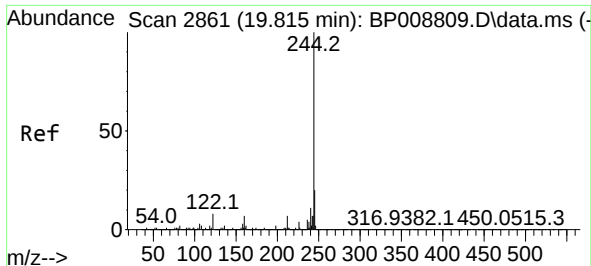
Tgt Ion:240 Resp: 1105576
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8



#78
Pyrene
Concen: 2.425 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP008950.D
Acq: 27 Jan 2022 17:31

Tgt Ion:202 Resp: 187050
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.2 15.0 22.6

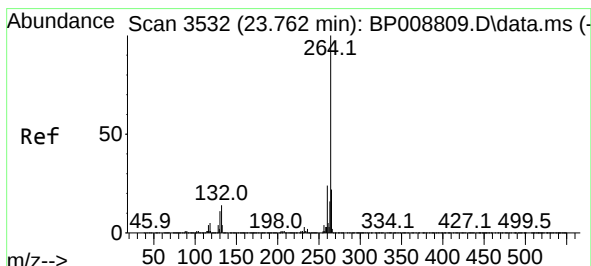
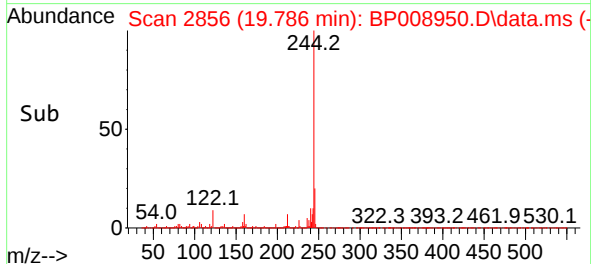
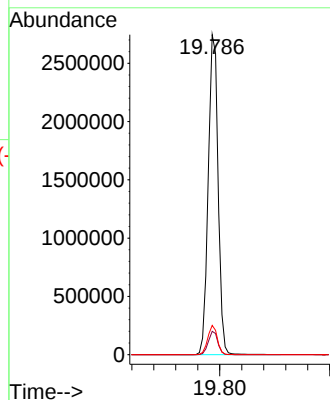
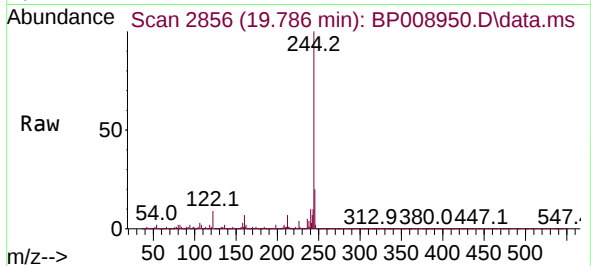




#79
 Terphenyl-d14
 Concen: 52.016 ng
 RT: 19.786 min Scan# 2861
 Delta R.T. -0.018 min
 Lab File: BP008950.D
 Acq: 27 Jan 2022 17:31

Instrument :
 BNA_P
 ClientSampleId :
 RB-07-(2-3)

Tgt Ion:244 Resp: 3406984
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.2 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3526
 Delta R.T. -0.023 min
 Lab File: BP008950.D
 Acq: 27 Jan 2022 17:31

Tgt Ion:264 Resp: 1222859
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 17.1 25.7

