

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
 Data File : BP008941.D
 Acq On : 26 Jan 2022 21:39
 Operator : CG/JU
 Sample : N1263-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D2-E2B

Quant Time: Jan 27 05:24:45 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)

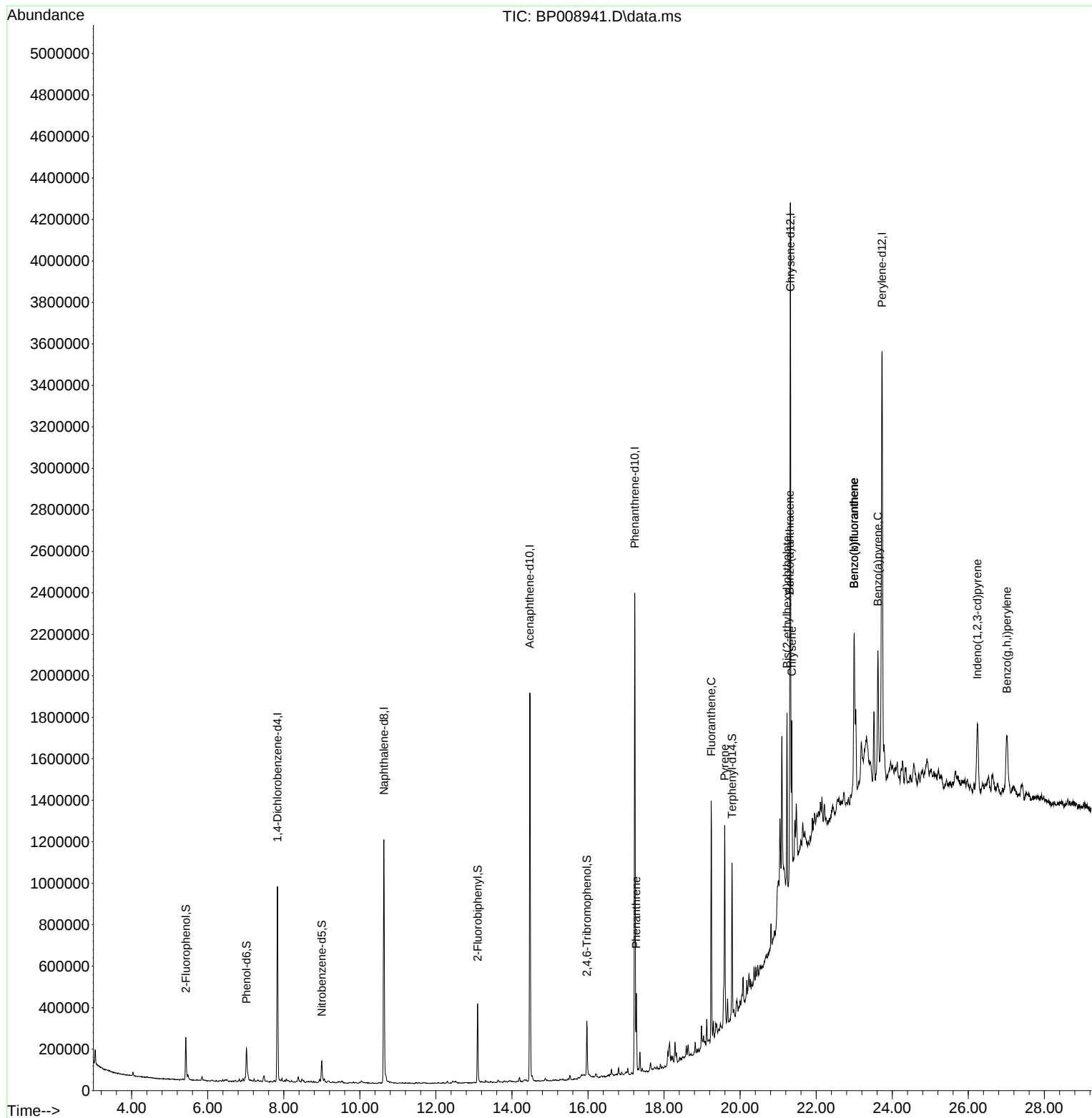
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	286751	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1105220	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	712184	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	1471856	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1485220	20.000	ng	-0.01
86) Perylene-d12	23.733	264	1605310	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	112390	6.061	ng	0.00
7) Phenol-d6	7.016	99	130327	5.804	ng	0.00
23) Nitrobenzene-d5	8.999	82	80302	4.125	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	61380	5.921	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	232547	4.306	ng	0.00
79) Terphenyl-d14	19.786	244	363758	4.134	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	17.269	178	235889	2.846	ng	97
75) Fluoranthene	19.239	202	690981	7.498	ng	96
78) Pyrene	19.592	202	599872	5.788	ng	97
81) Benzo(a)anthracene	21.304	228	399689	4.000	ng	99
83) Chrysene	21.357	228	422553	4.362	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	309038	4.788	ng	95
87) Indeno(1,2,3-cd)pyrene	26.239	276	351103	2.654	ng	# 94
88) Benzo(b)fluoranthene	22.998	252	685846	6.397	ng	95
89) Benzo(k)fluoranthene	22.998	252	685846	6.609	ng	96
90) Benzo(a)pyrene	23.621	252	453508	4.383	ng	98
92) Benzo(g,h,i)perylene	27.009	276	385809	3.513	ng	98

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

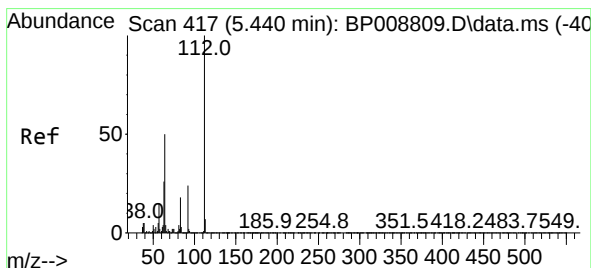
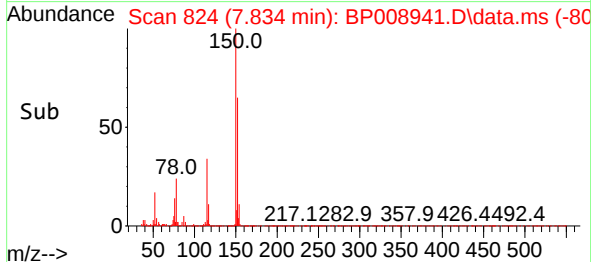
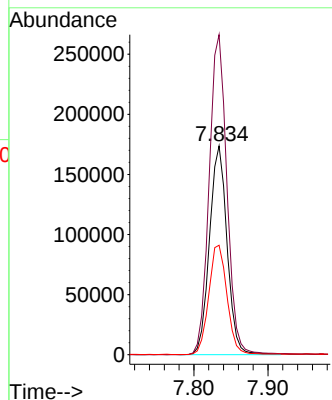
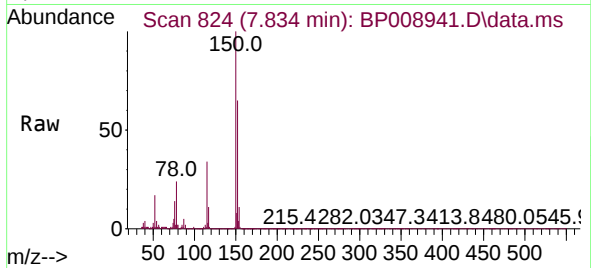




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

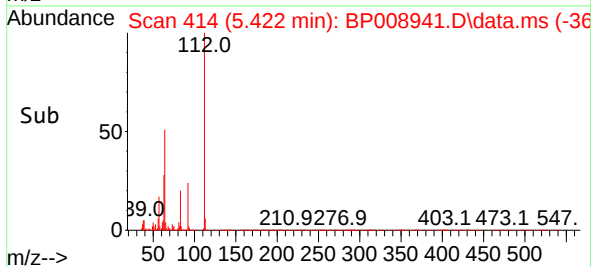
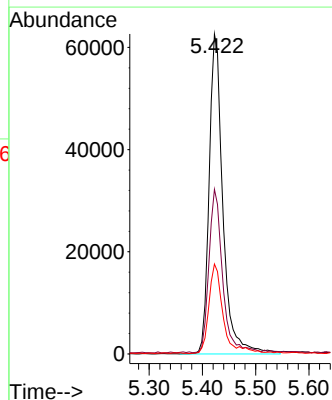
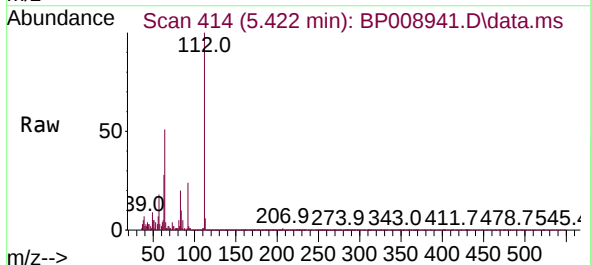
Instrument :
BNA_P
ClientSampleId :
D2-E2B

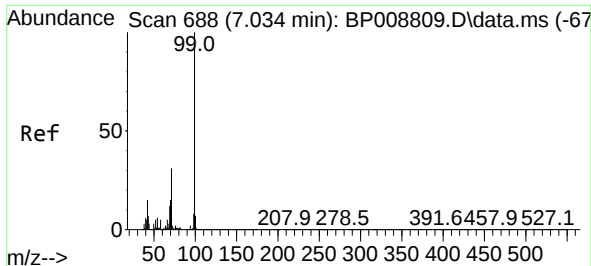
Tgt Ion:152 Resp: 286751
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 52.4 43.7 65.5



#5
2-Fluorophenol
Concen: 6.061 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:112 Resp: 112390
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 28.1 20.0 30.0

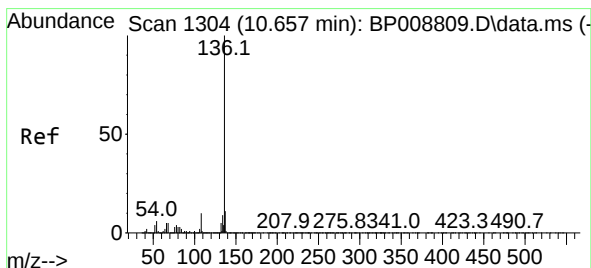
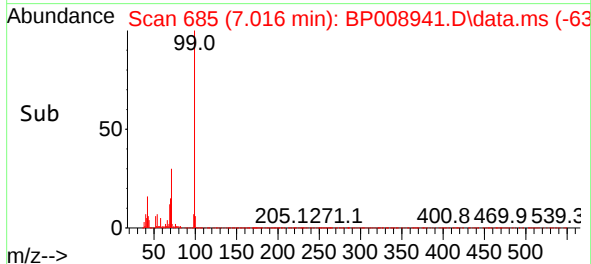
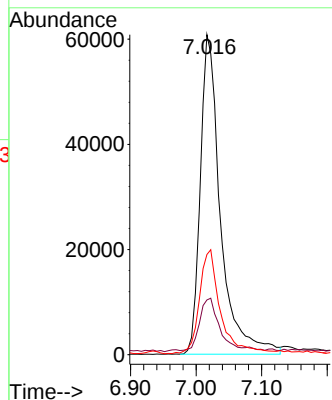
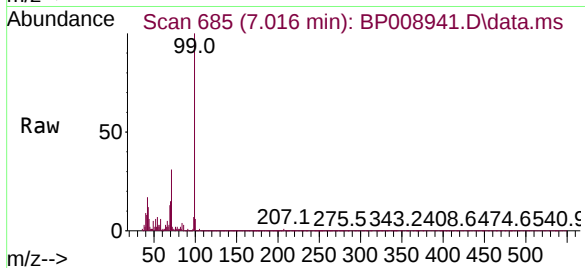




#7
Phenol-d6
Concen: 5.804 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

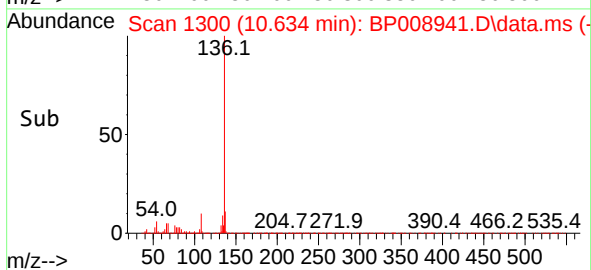
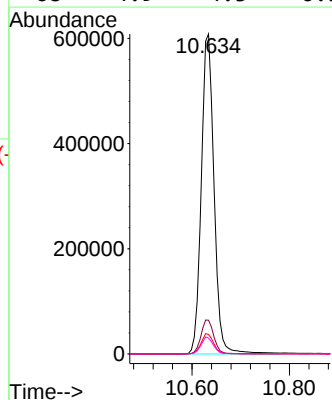
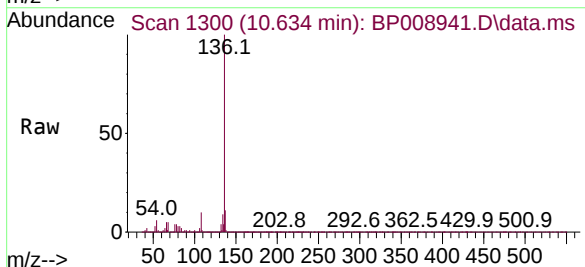
Instrument :
BNA_P
ClientSampleId :
D2-E2B

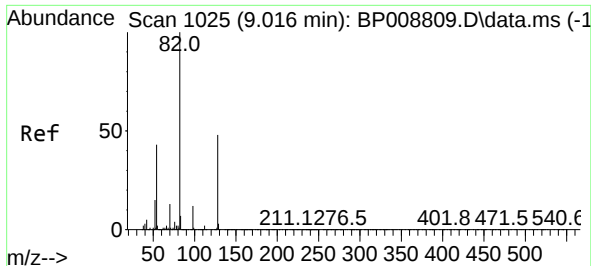
Tgt Ion: 99 Resp: 130327
Ion Ratio Lower Upper
99 100
42 17.1 10.8 16.2#
71 31.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion: 136 Resp: 1105220
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.1 4.9 7.3
68 4.9 4.3 6.5

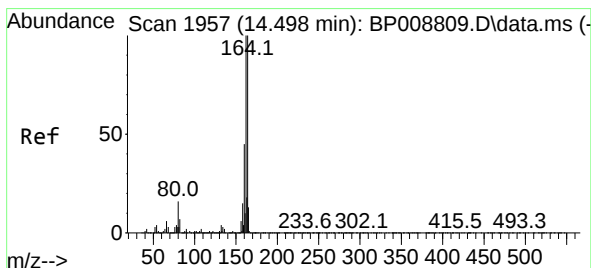
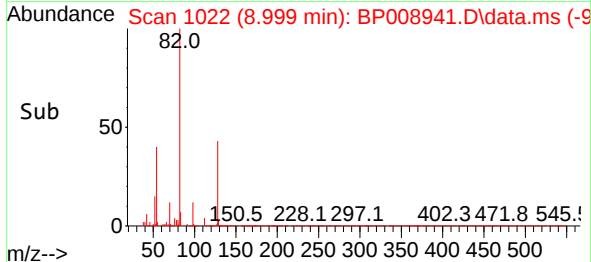
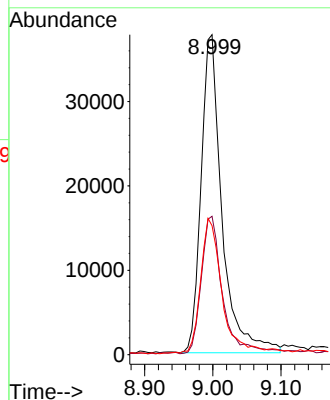
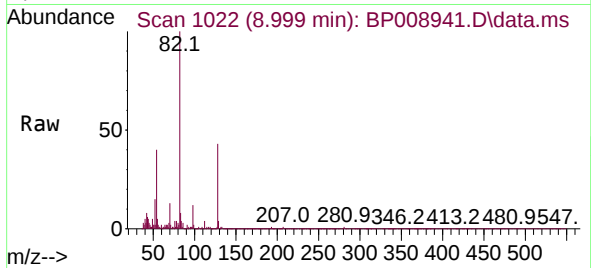




#23
Nitrobenzene-d5
Concen: 4.125 ng
RT: 8.999 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

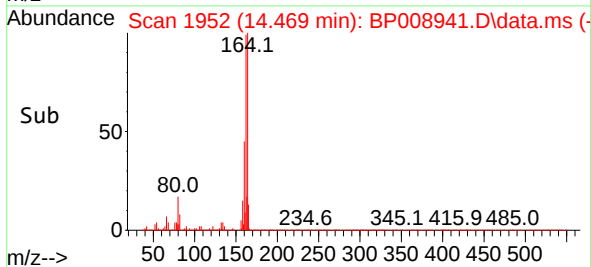
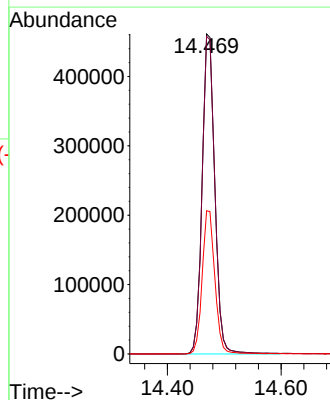
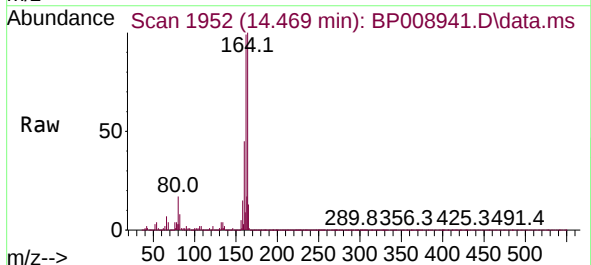
Instrument :
BNA_P
ClientSampleId :
D2-E2B

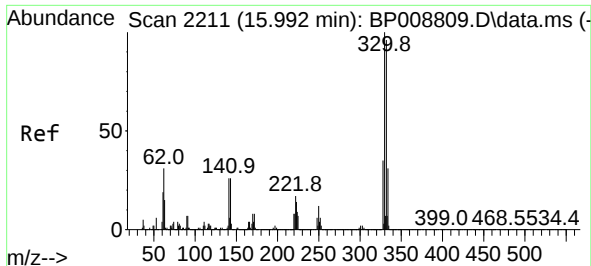
Tgt Ion: 82 Resp: 80302
Ion Ratio Lower Upper
82 100
128 43.2 39.4 59.2
54 40.3 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion: 164 Resp: 712184
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.8 35.5 53.3

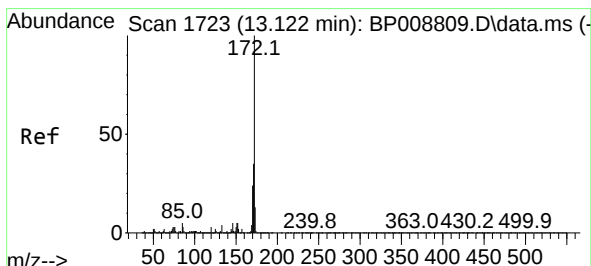
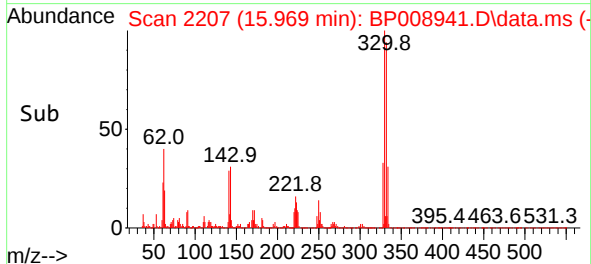
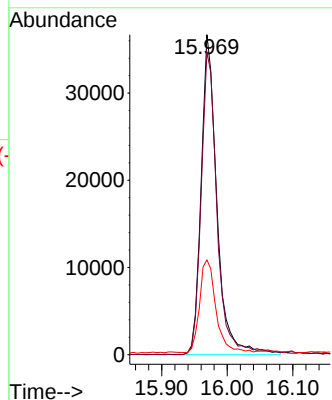
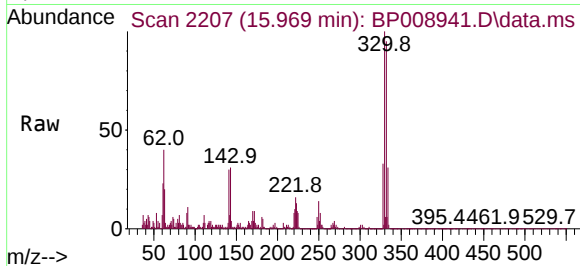




#42
2,4,6-Tribromophenol
Concen: 5.921 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

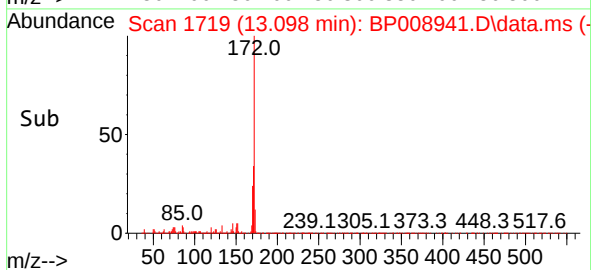
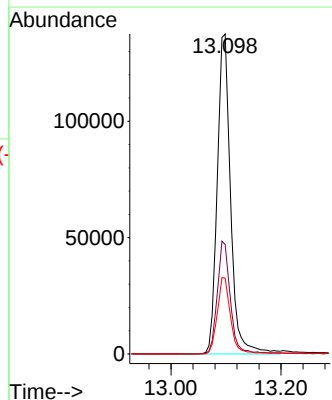
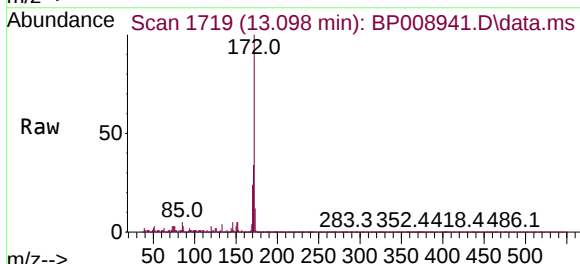
Instrument :
BNA_P
ClientSampleId :
D2-E2B

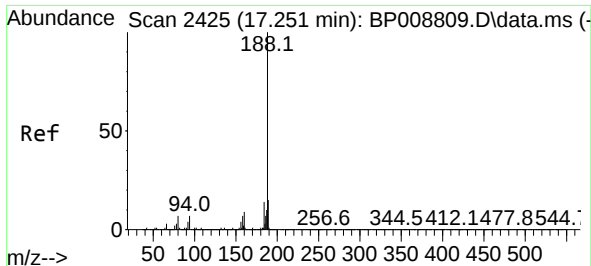
Tgt Ion:330 Resp: 61380
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 29.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 4.306 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:172 Resp: 232547
Ion Ratio Lower Upper
172 100
171 34.2 29.3 43.9
170 23.7 19.5 29.3

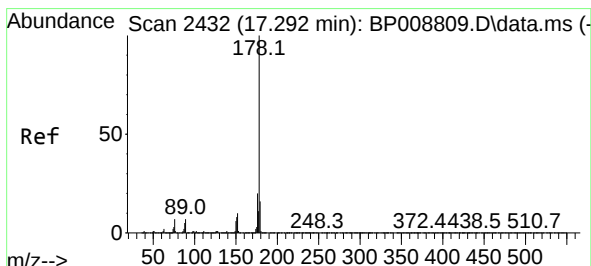
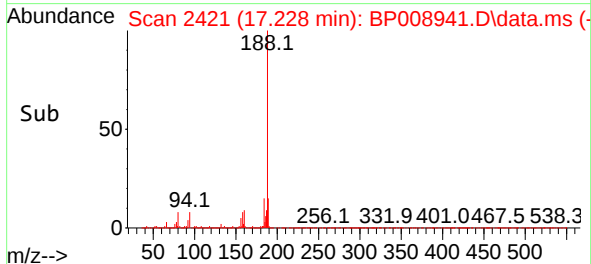
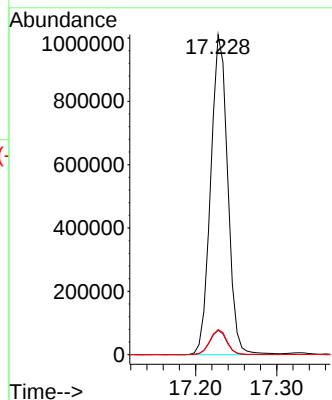
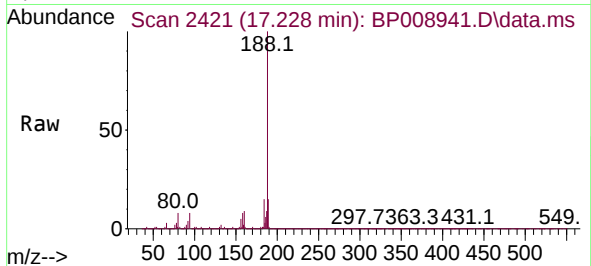




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

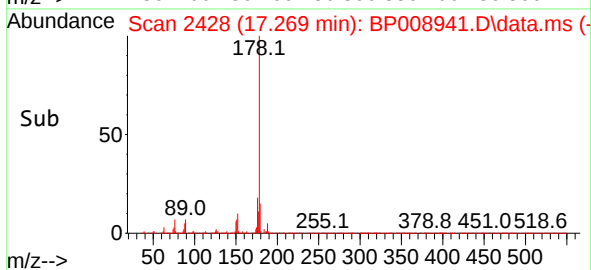
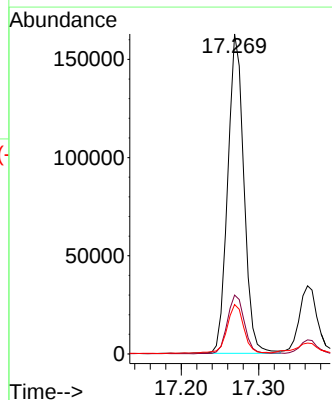
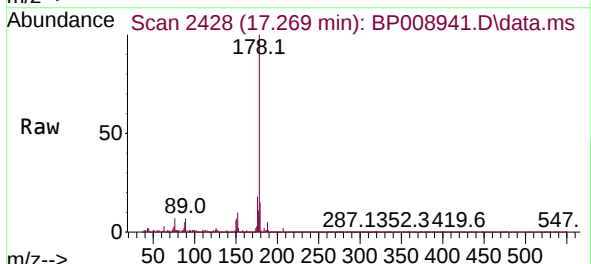
Instrument :
BNA_P
ClientSampleId :
D2-E2B

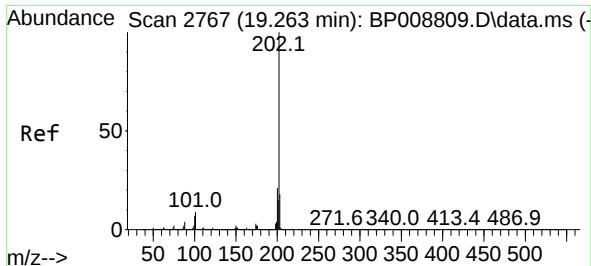
Tgt Ion:188 Resp: 1471856
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 2.846 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:178 Resp: 235889
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.4 13.0 19.4

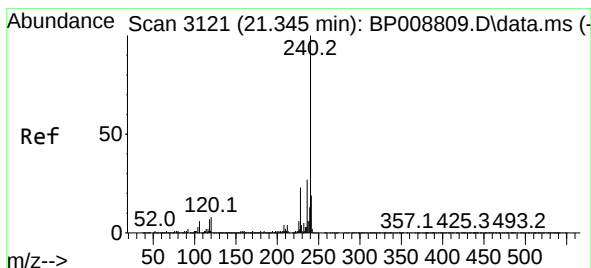
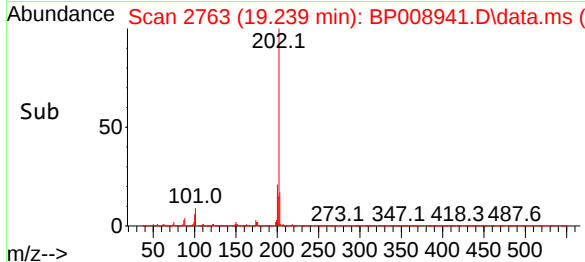
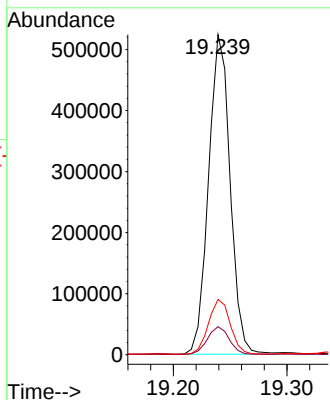
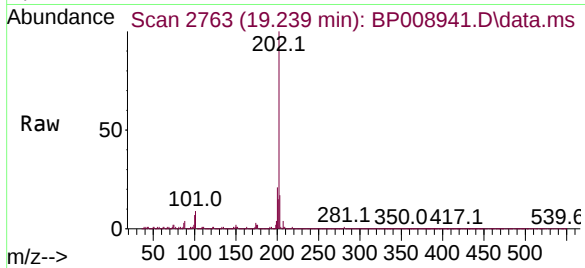




#75
Fluoranthene
Concen: 7.498 ng
RT: 19.239 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

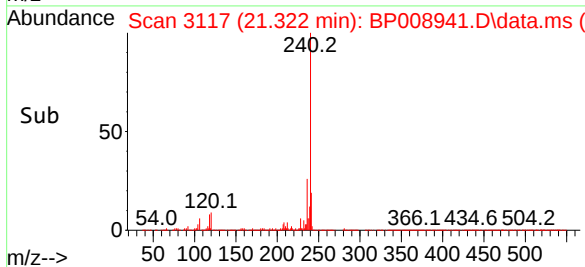
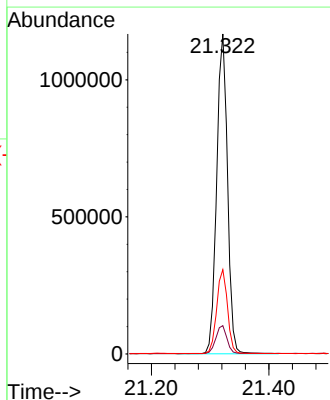
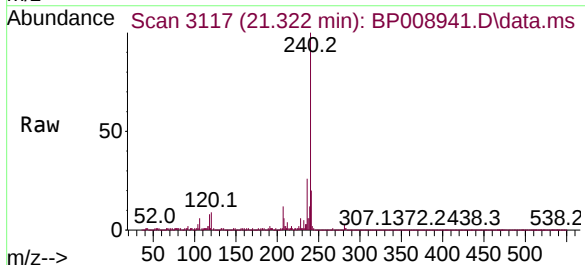
Instrument :
BNA_P
ClientSampleId :
D2-E2B

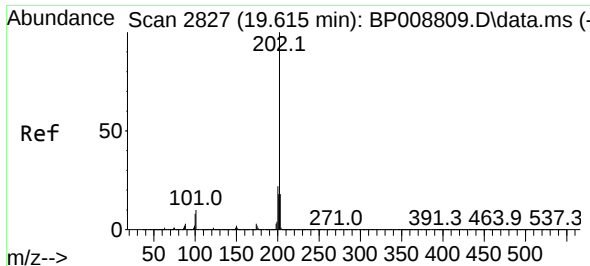
Tgt Ion:202 Resp: 690981
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 17.3 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:240 Resp: 1485220
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.4 21.2 31.8

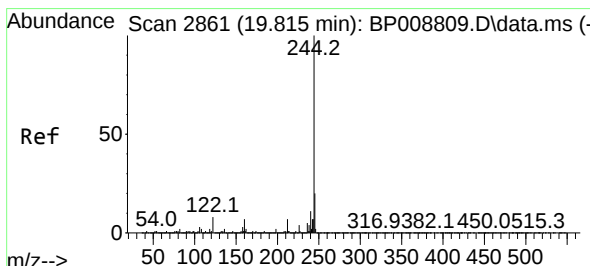
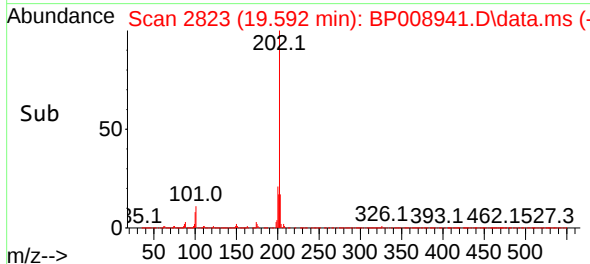
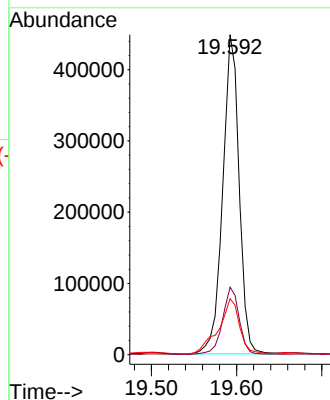
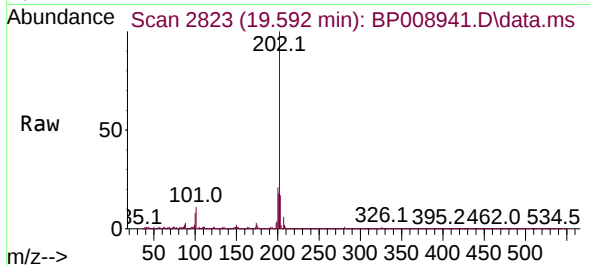




#78
 Pyrene
 Concen: 5.788 ng
 RT: 19.592 min Scan# 2823
 Delta R.T. -0.012 min
 Lab File: BP008941.D
 Acq: 26 Jan 2022 21:39

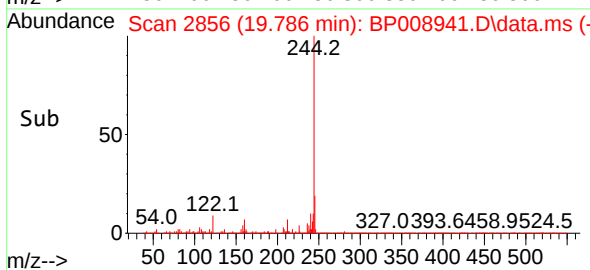
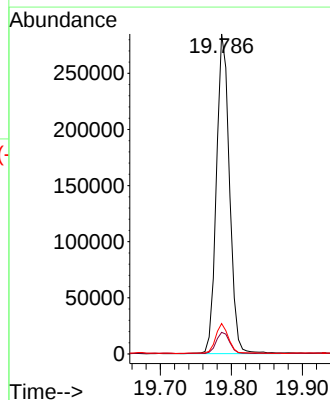
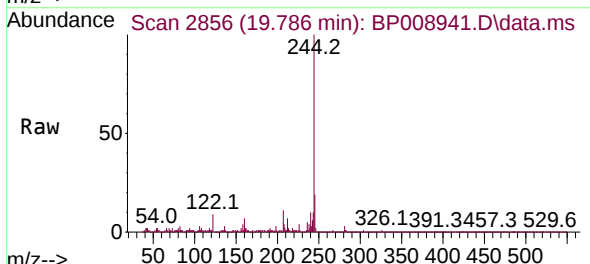
Instrument :
 BNA_P
 ClientSampleId :
 D2-E2B

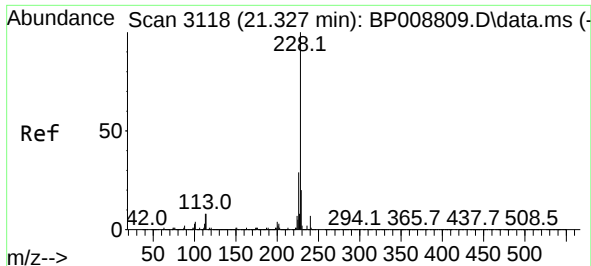
Tgt Ion:202 Resp: 599872
 Ion Ratio Lower Upper
 202 100
 200 21.1 18.0 27.0
 203 17.5 15.0 22.6



#79
 Terphenyl-d14
 Concen: 4.134 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.018 min
 Lab File: BP008941.D
 Acq: 26 Jan 2022 21:39

Tgt Ion:244 Resp: 363758
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 9.5 9.2 13.8

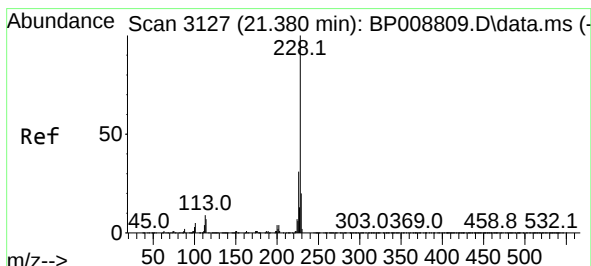
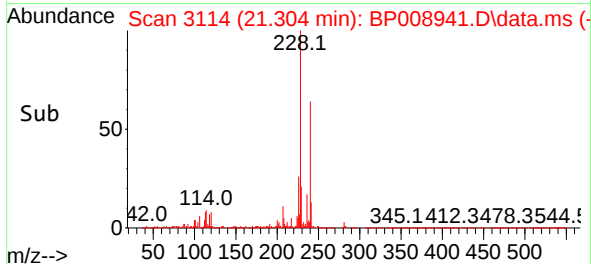
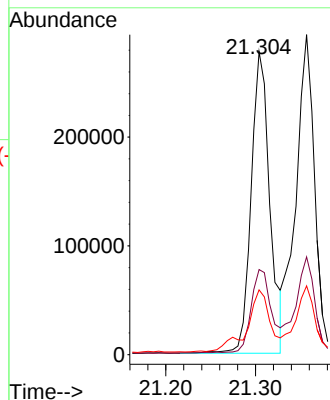
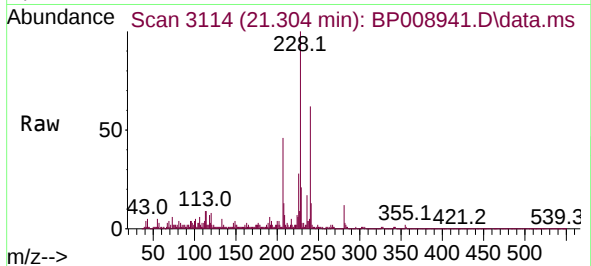




#81
Benzo(a)anthracene
Concen: 4.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

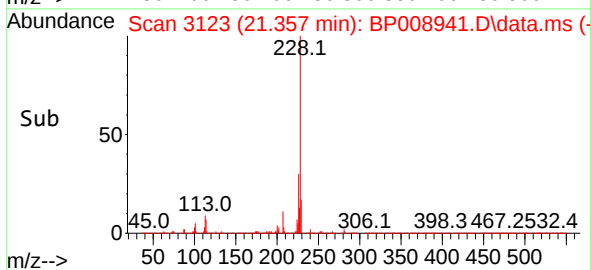
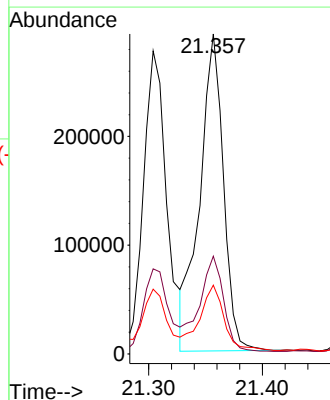
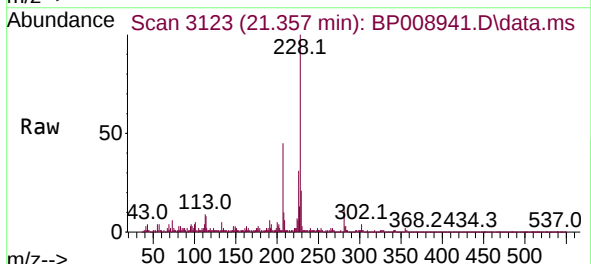
Instrument :
BNA_P
ClientSampleId :
D2-E2B

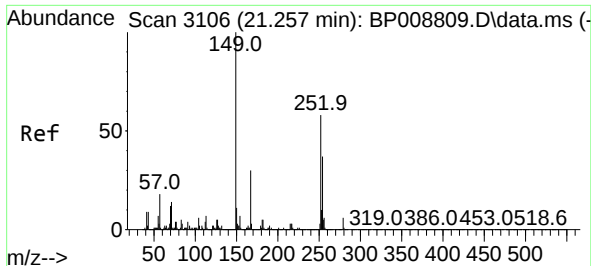
Tgt Ion:228 Resp: 399689
Ion Ratio Lower Upper
228 100
226 28.1 23.3 34.9
229 21.4 17.0 25.6



#83
Chrysene
Concen: 4.362 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:228 Resp: 422553
Ion Ratio Lower Upper
228 100
226 30.5 26.0 39.0
229 21.5 16.9 25.3

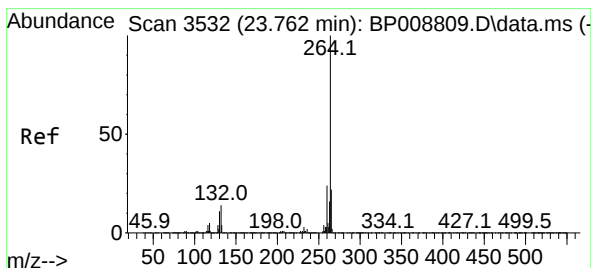
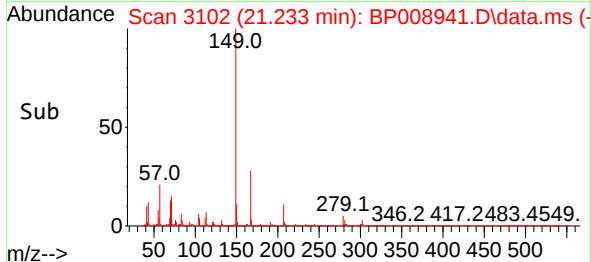
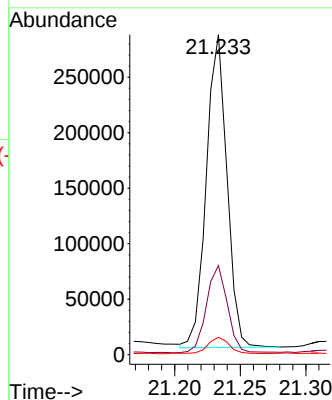
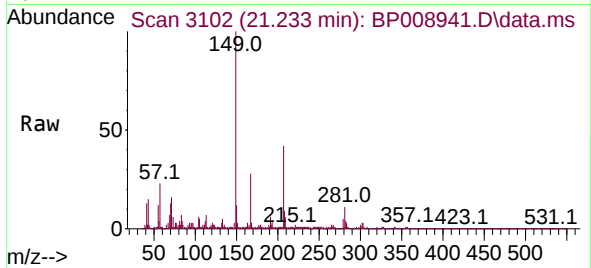




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.788 ng
RT: 21.233 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

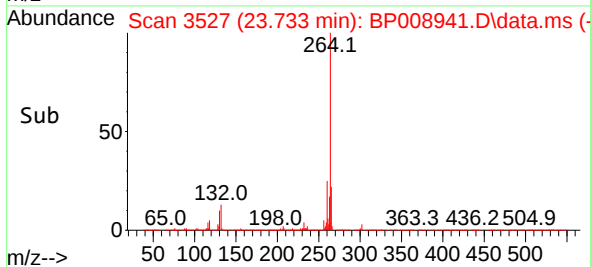
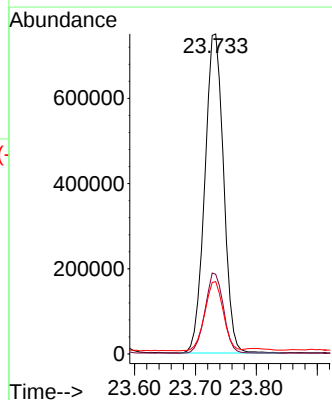
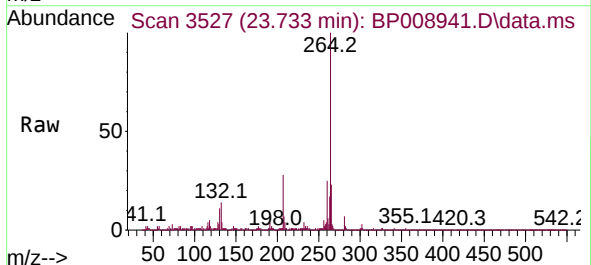
Instrument :
BNA_P
ClientSampleId :
D2-E2B

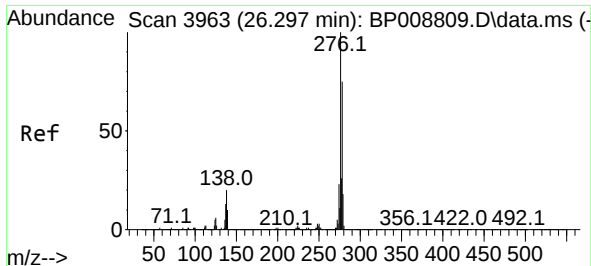
Tgt Ion:149 Resp: 309038
Ion Ratio Lower Upper
149 100
167 27.9 25.0 37.4
279 5.4 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:264 Resp: 1605310
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 22.6 17.1 25.7

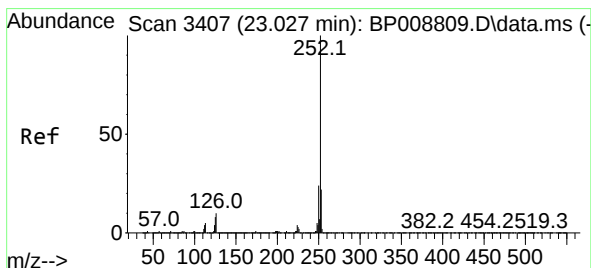
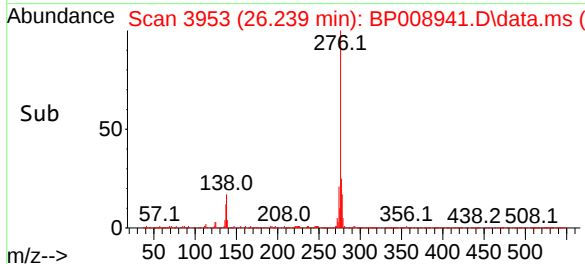
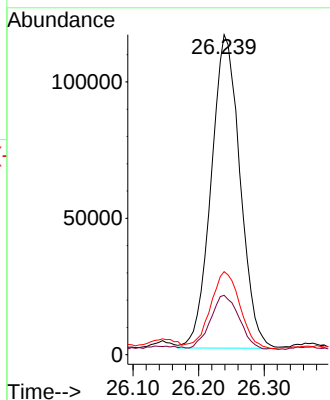
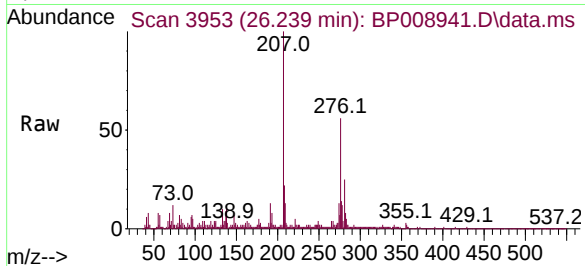




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.654 ng
 RT: 26.239 min Scan# 3953
 Delta R.T. -0.041 min
 Lab File: BP008941.D
 Acq: 26 Jan 2022 21:39

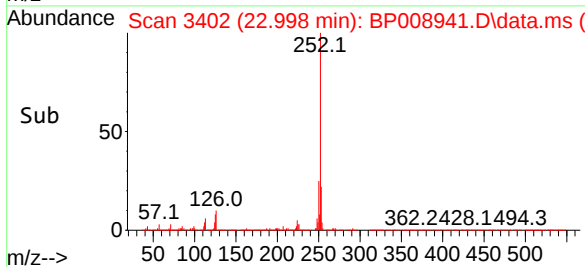
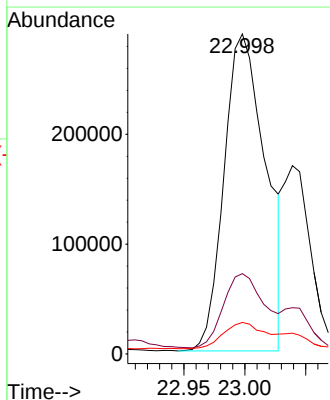
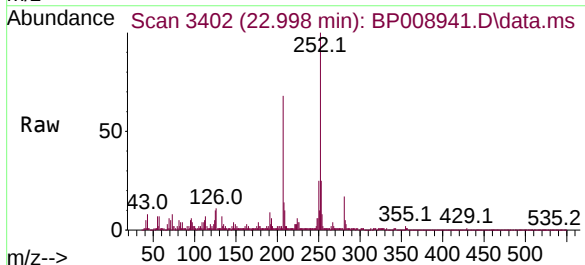
Instrument :
 BNA_P
 ClientSampleId :
 D2-E2B

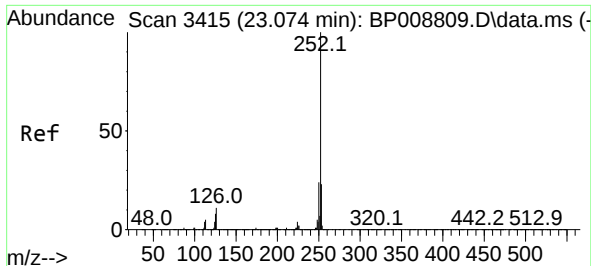
Tgt Ion: 276 Resp: 351103
 Ion Ratio Lower Upper
 276 100
 138 17.0 17.8 26.6#
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 6.397 ng
 RT: 22.998 min Scan# 3402
 Delta R.T. -0.018 min
 Lab File: BP008941.D
 Acq: 26 Jan 2022 21:39

Tgt Ion: 252 Resp: 685846
 Ion Ratio Lower Upper
 252 100
 253 25.1 18.0 27.0
 125 9.9 6.9 10.3

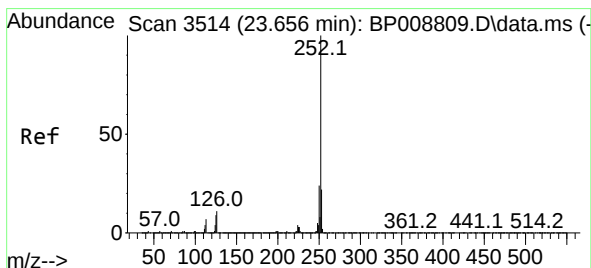
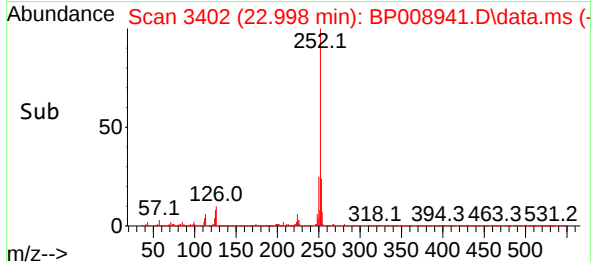
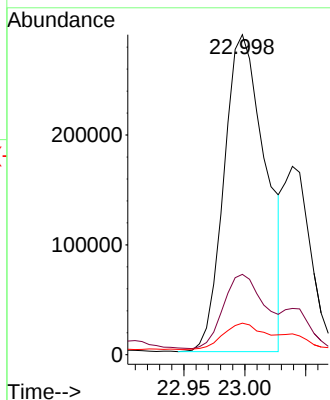
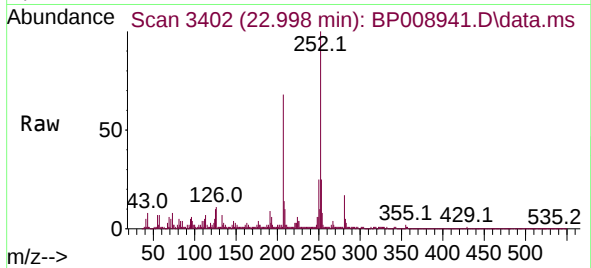




#89
Benzo(k)fluoranthene
Concen: 6.609 ng
RT: 22.998 min Scan# 3415
Delta R.T. -0.065 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

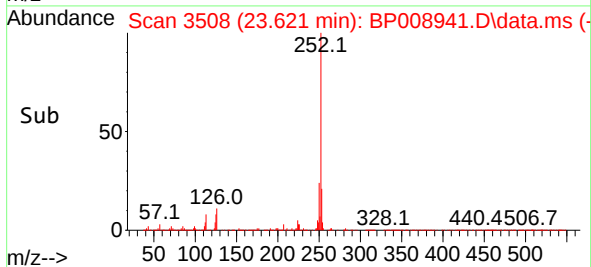
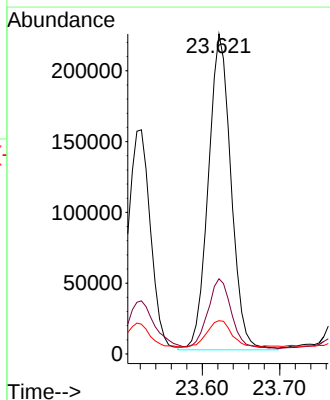
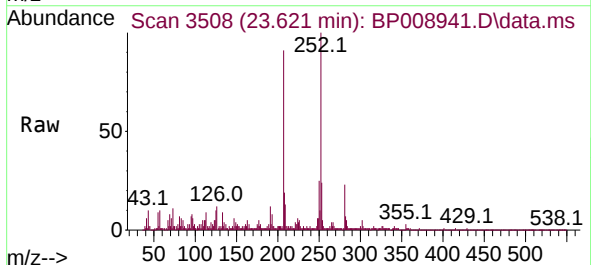
Instrument :
BNA_P
ClientSampleId :
D2-E2B

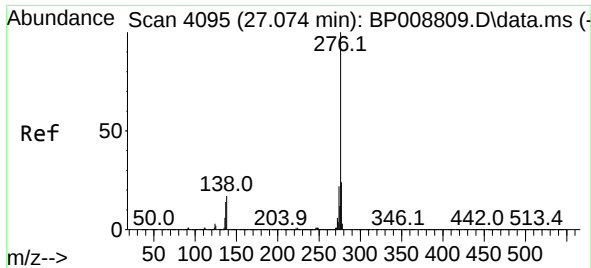
Tgt Ion:252 Resp: 685846
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.2
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 4.383 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.023 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

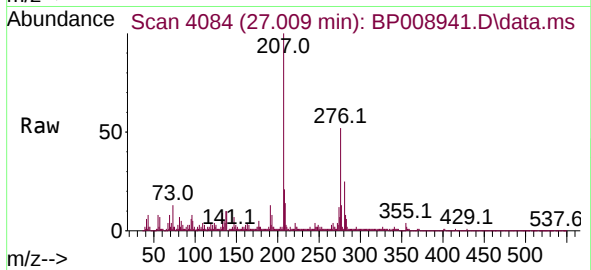
Tgt Ion:252 Resp: 453508
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.4 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.513 ng
 RT: 27.009 min Scan# 4084
 Delta R.T. -0.041 min
 Lab File: BP008941.D
 Acq: 26 Jan 2022 21:39

Instrument :
 BNA_P
 ClientSampleId :
 D2-E2B



Tgt Ion: 276 Resp: 385809

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	19.6	15.0	22.4

