

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009145.D
 Acq On : 14 Feb 2022 21:07
 Operator : CG/JU
 Sample : N1525-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-021122

Quant Time: Feb 15 00:00:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

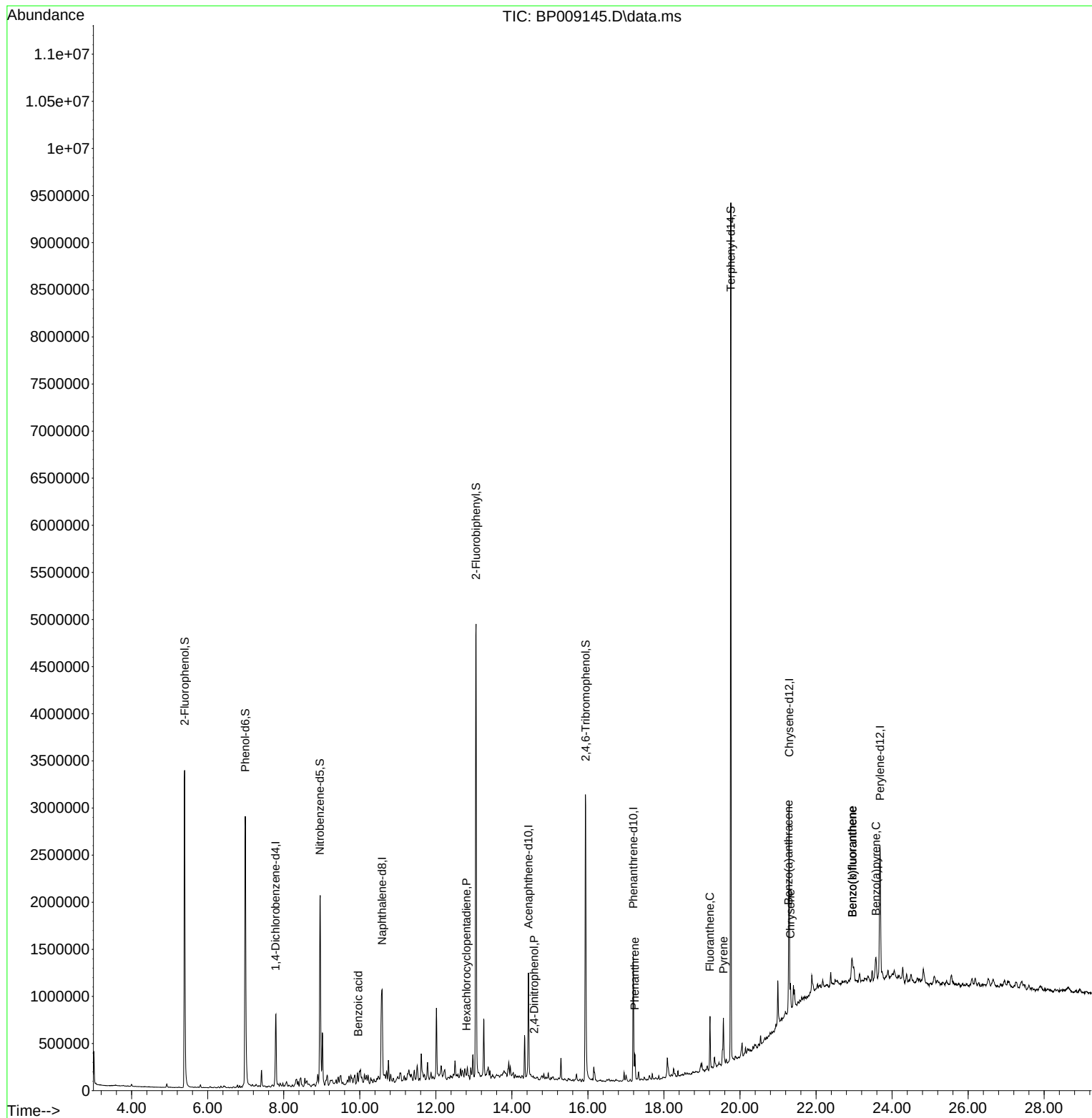
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	243365	20.000	ng	-0.02
21) Naphthalene-d8	10.587	136	814970	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	441953	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	871863	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1089440	20.000	ng	0.00
86) Perylene-d12	23.680	264	1200616	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1776248	130.195	ng	0.00
7) Phenol-d6	6.987	99	2128019	118.375	ng	0.00
23) Nitrobenzene-d5	8.952	82	1335849	92.437	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	780217	132.221	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2941828	93.183	ng	-0.01
79) Terphenyl-d14	19.757	244	4305965	71.078	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.957	122	53	2.696	ng	# 1
41) Hexachlorocyclopentadiene	12.804	237	40	8.663	ng	80
54) 2,4-Dinitrophenol	14.587	184	74	2.193	ng	# 1
71) Phenanthrene	17.234	178	187462	3.971	ng	99
75) Fluoranthene	19.210	202	337196	6.373	ng	96
78) Pyrene	19.563	202	309109	3.989	ng	99
81) Benzo(a)anthracene	21.275	228	159291	2.269	ng	98
83) Chrysene	21.327	228	155109	2.292	ng	97
88) Benzo(b)fluoranthene	22.957	252	243619	3.296	ng	# 87
89) Benzo(k)fluoranthene	22.957	252	243619	3.304	ng	# 88
90) Benzo(a)pyrene	23.580	252	137261	2.227	ng	# 91

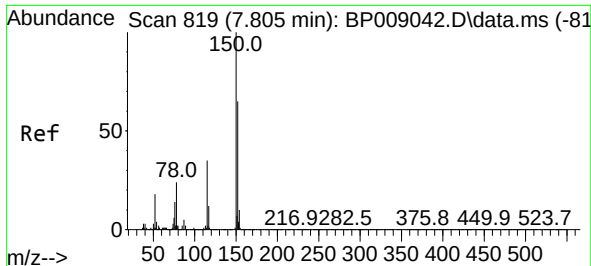
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
Acq On : 14 Feb 2022 21:07
Operator : CG/JU
Sample : N1525-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Quant Time: Feb 15 00:00:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

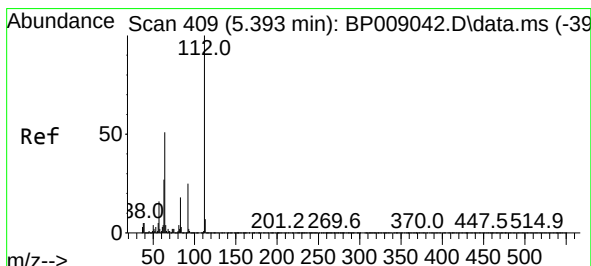
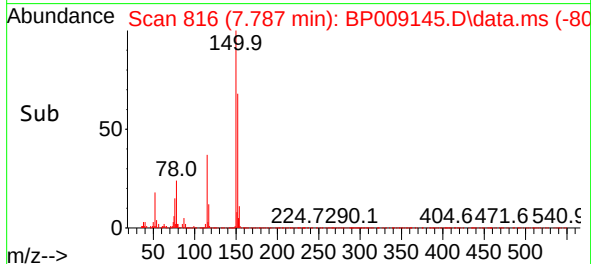
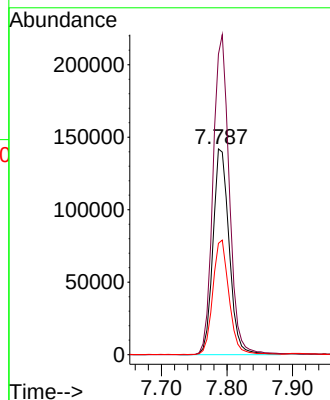
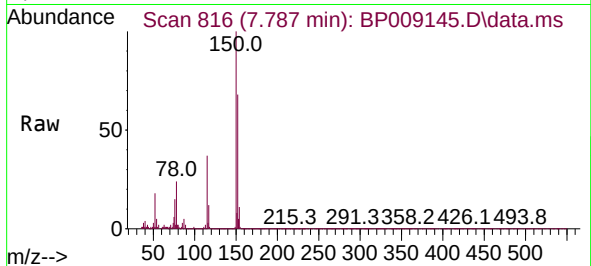




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

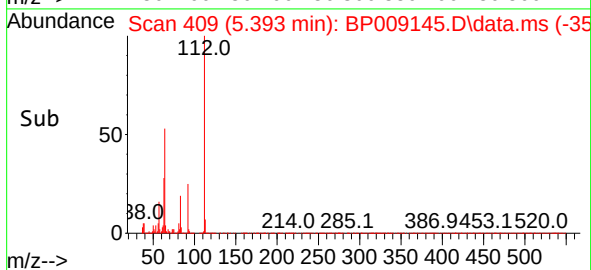
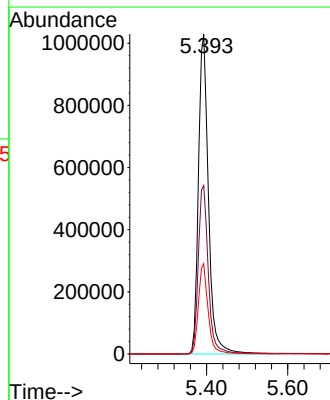
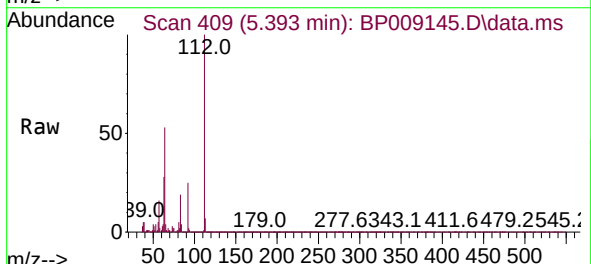
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

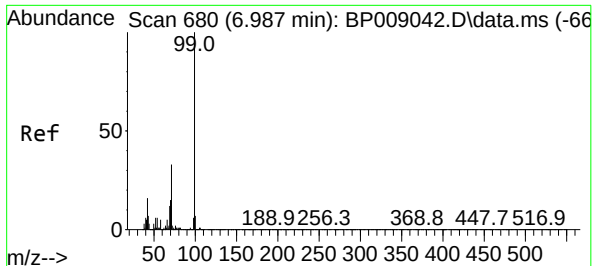
Tgt Ion:152 Resp: 243365
Ion Ratio Lower Upper
152 100
150 146.1 127.0 190.6
115 54.2 43.7 65.5



#5
2-Fluorophenol
Concen: 130.195 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:112 Resp: 1776248
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 28.2 20.0 30.0

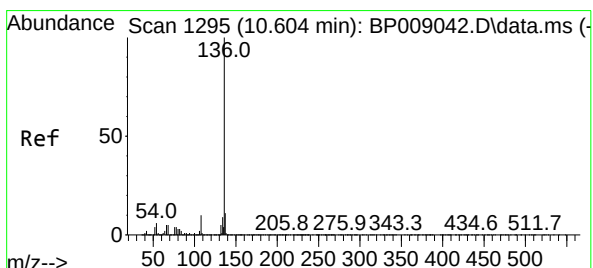
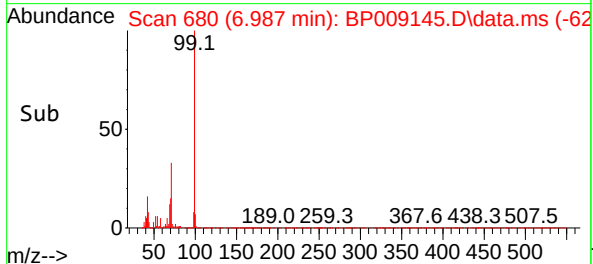
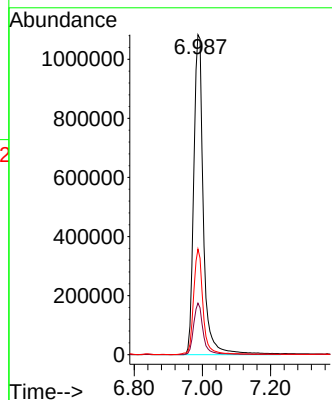
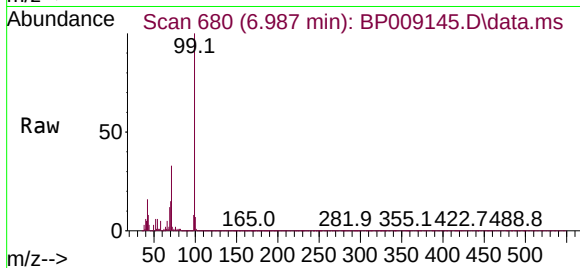




#7
Phenol-d6
Concen: 118.375 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

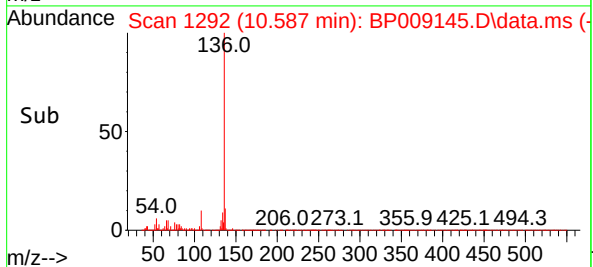
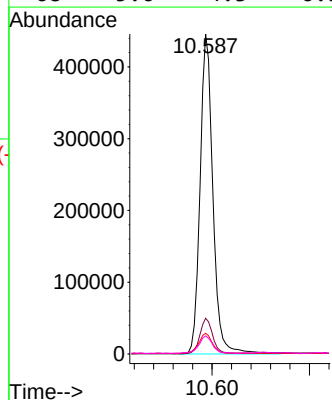
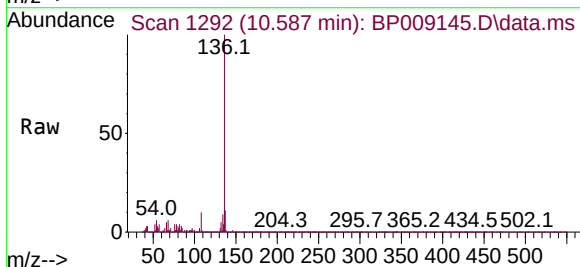
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

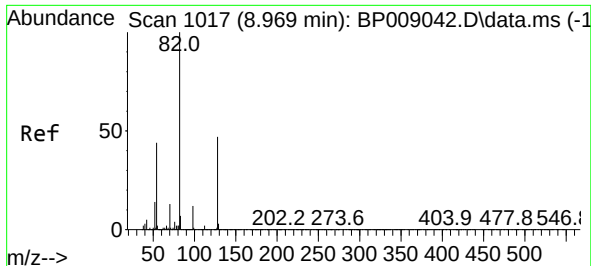
Tgt Ion: 99 Resp: 2128019
Ion Ratio Lower Upper
99 100
42 16.1 10.8 16.2
71 33.0 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion: 136 Resp: 814970
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.5 4.9 7.3
68 5.6 4.3 6.5

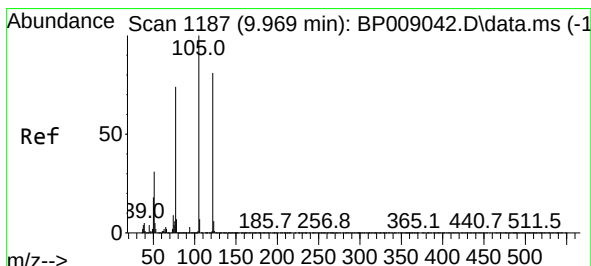
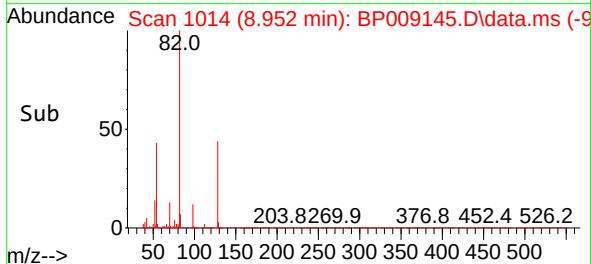
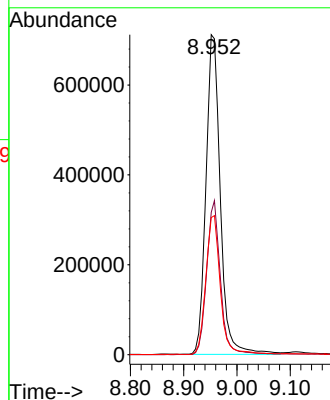
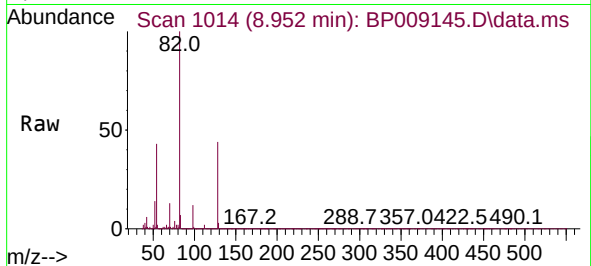




#23
Nitrobenzene-d5
Concen: 92.437 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

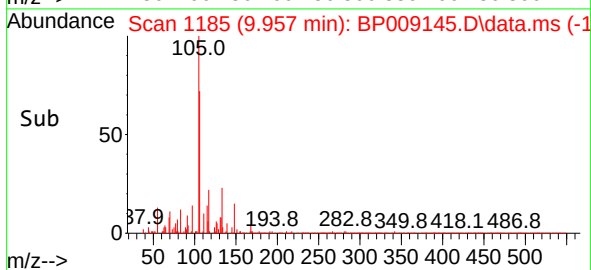
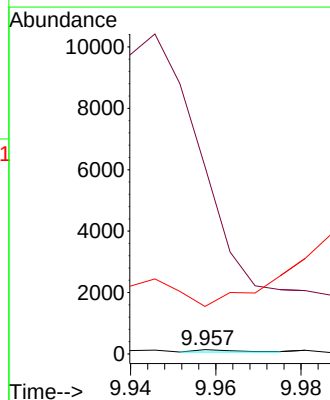
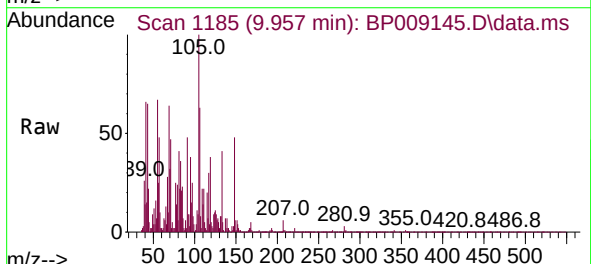
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

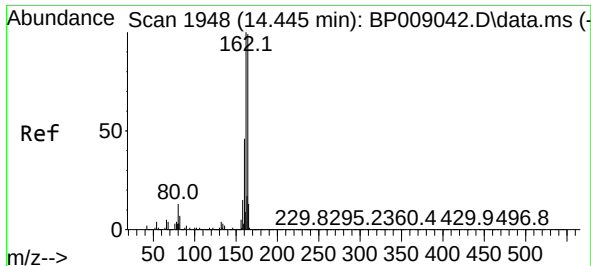
Tgt Ion: 82 Resp: 1335849
Ion Ratio Lower Upper
82 100
128 44.4 39.4 59.2
54 42.9 32.6 48.8



#32
Benzoic acid
Concen: 2.696 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 4389.2 100.1 140.1#
77 1112.9 65.5 105.5#

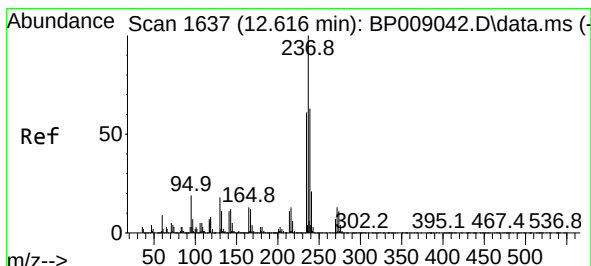
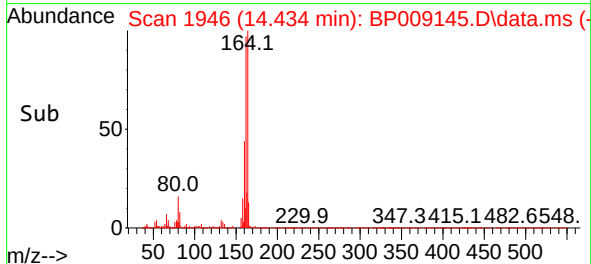
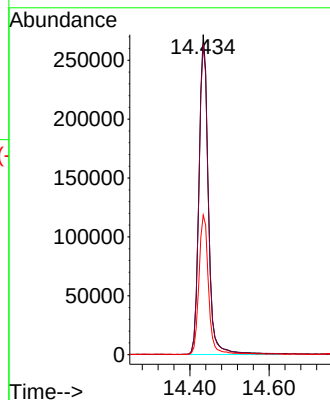
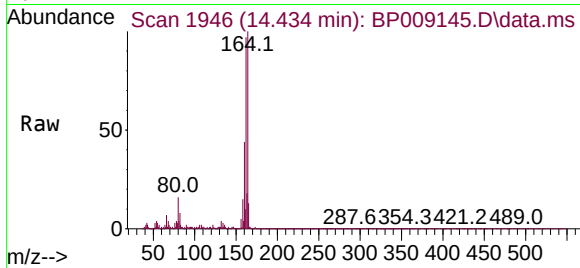




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

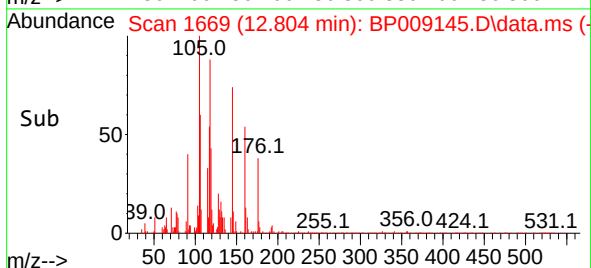
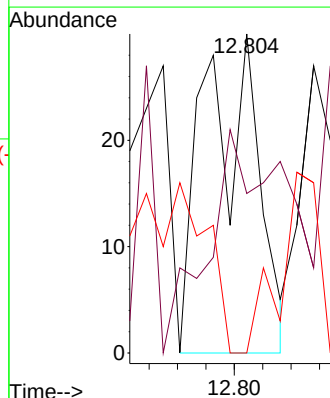
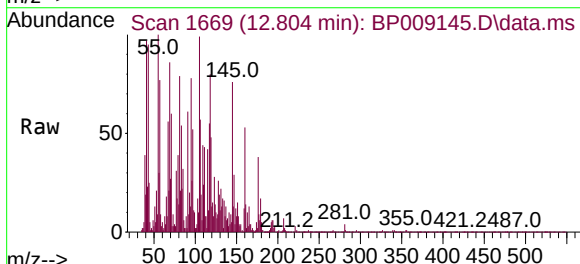
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

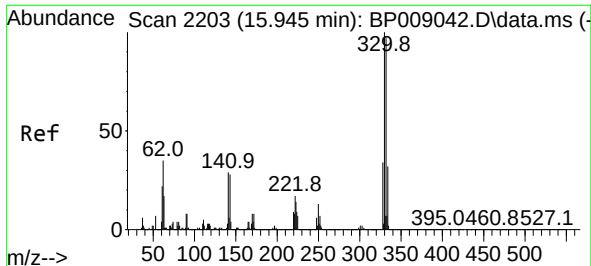
Tgt Ion:	164	Resp:	441953
Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.9	119.9
160	43.6	35.5	53.3



#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.804 min Scan# 1669
Delta R.T. 0.188 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:	237	Resp:	40
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	0.0	0.0	33.8

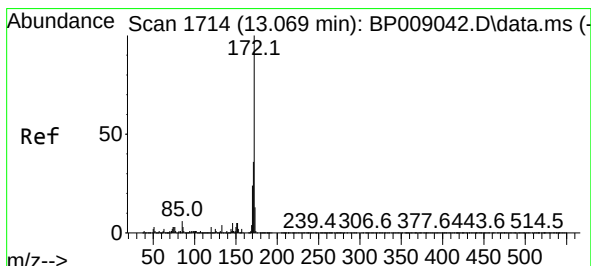
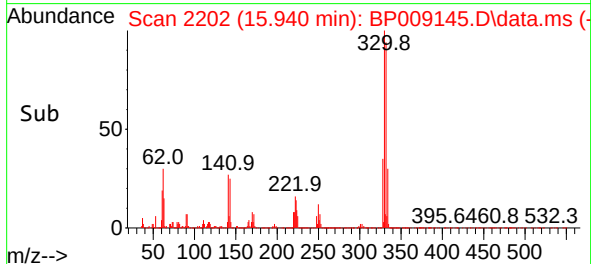
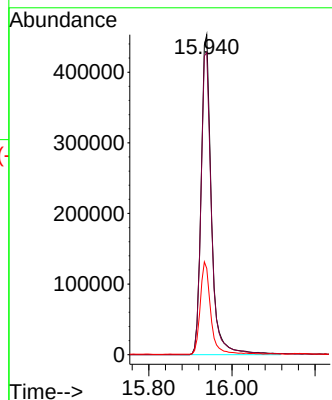
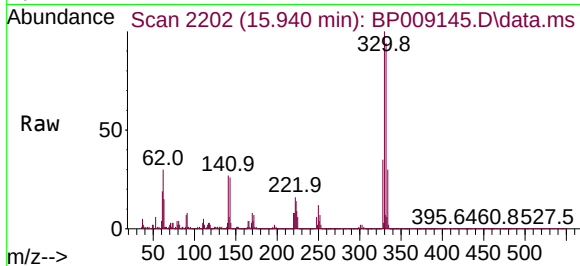




#42
2,4,6-Tribromophenol
Concen: 132.221 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

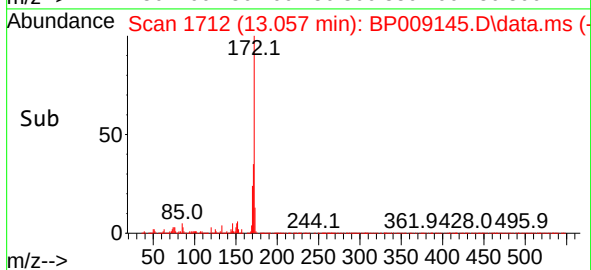
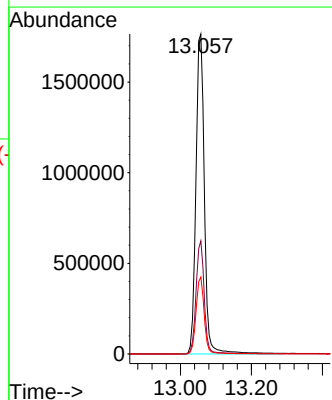
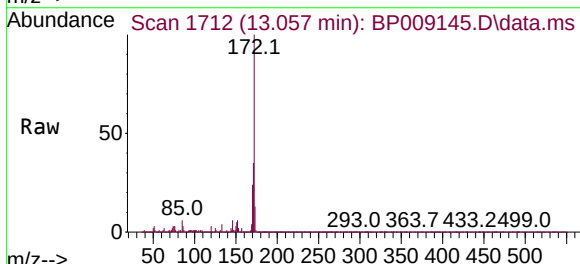
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

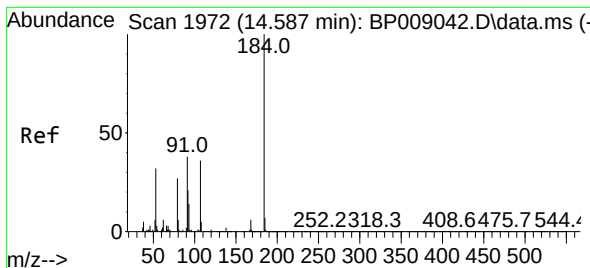
Tgt Ion:330 Resp: 780217
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 29.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 93.183 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:172 Resp: 2941828
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.1 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.193 ng

RT: 14.587 min Scan# 1972

Delta R.T. -0.000 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

Instrument :

BNA_P

ClientSampleId :

OR-02-021122

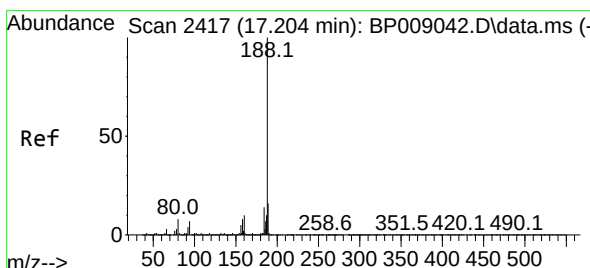
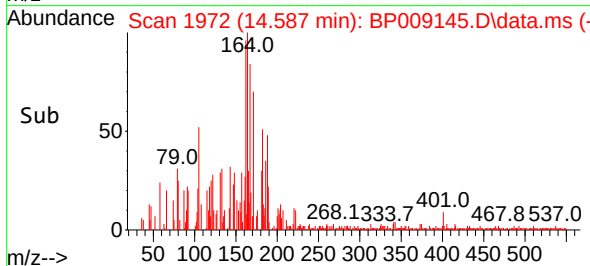
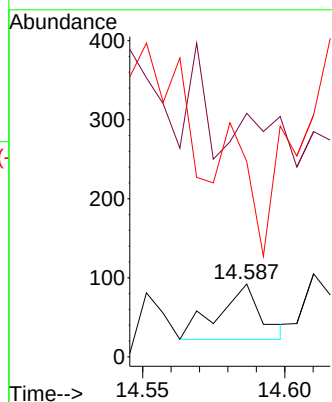
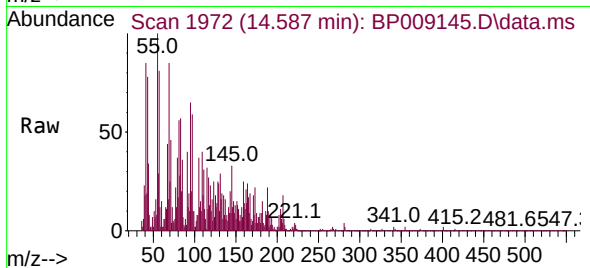
Tgt Ion:184 Resp: 74

Ion Ratio Lower Upper

184 100

63 334.8 35.6 53.4#

154 268.5 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

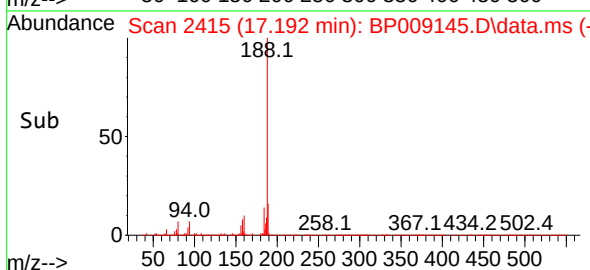
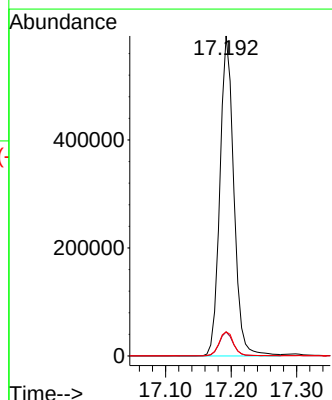
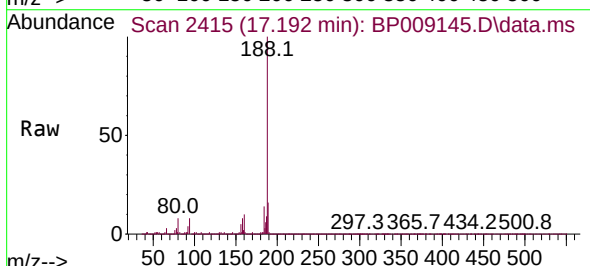
Tgt Ion:188 Resp: 871863

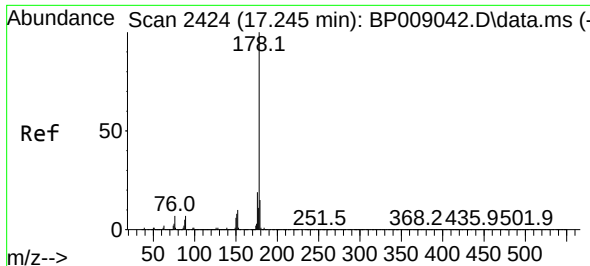
Ion Ratio Lower Upper

188 100

94 7.5 6.8 10.2

80 7.5 7.2 10.8

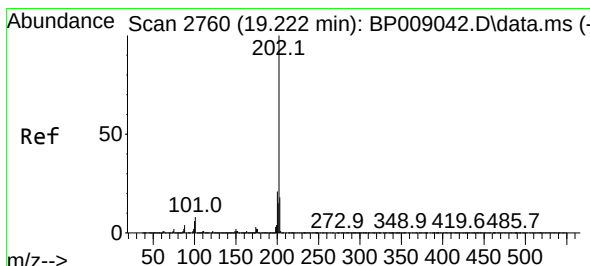
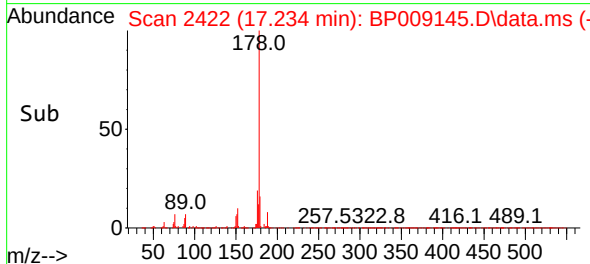
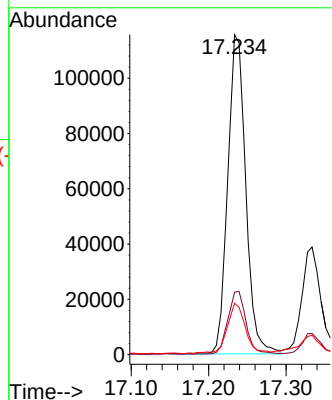
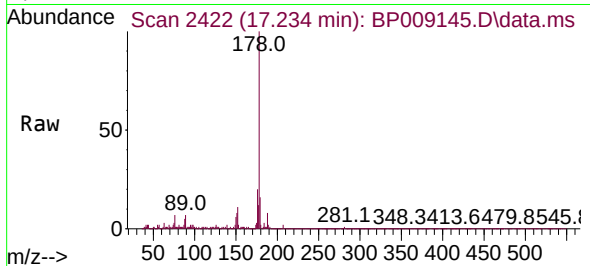




#71
Phenanthrene
Concen: 3.971 ng
RT: 17.234 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

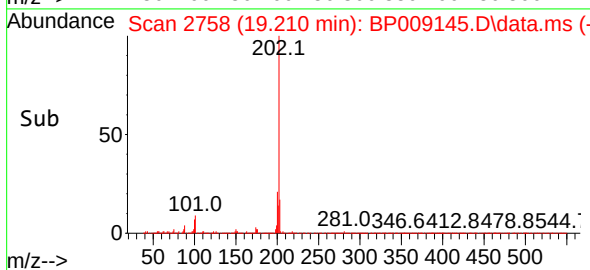
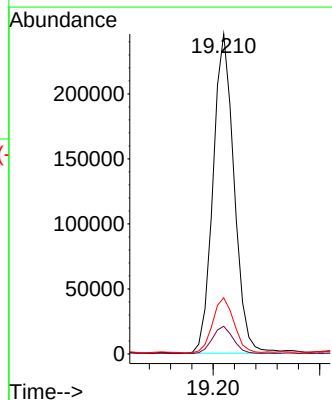
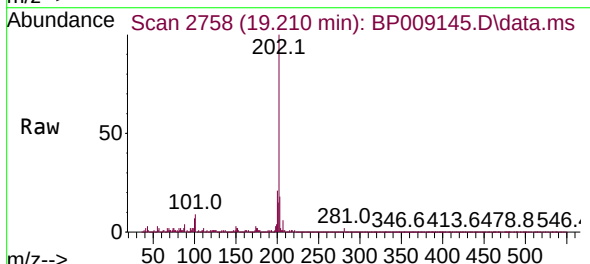
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

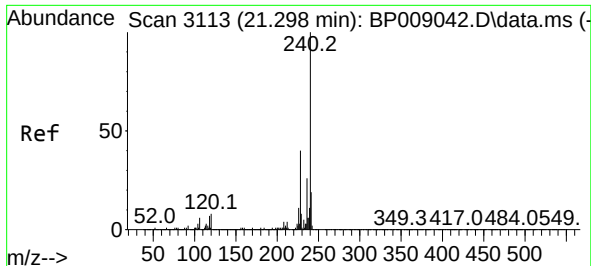
Tgt Ion:178 Resp: 187462
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 13.0 19.4



#75
Fluoranthene
Concen: 6.373 ng
RT: 19.210 min Scan# 2758
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:202 Resp: 337196
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 17.5 0.0 38.9

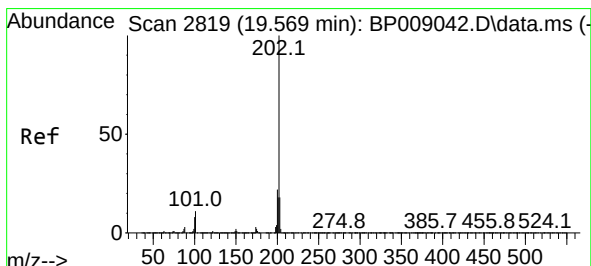
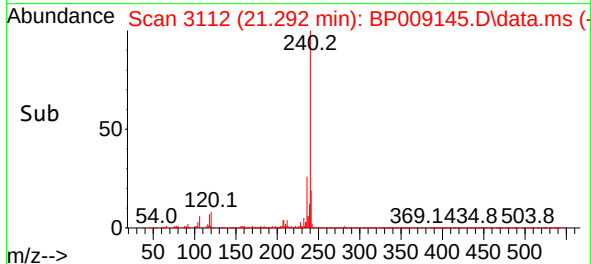
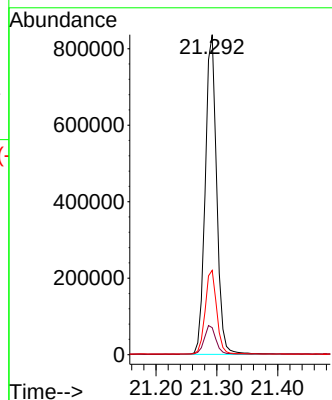
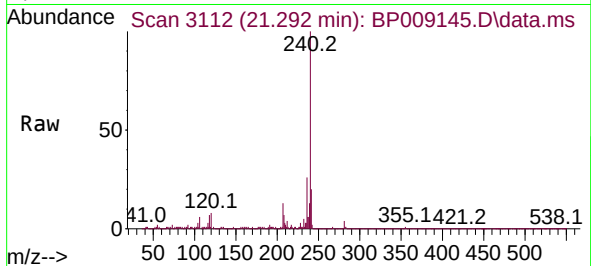




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

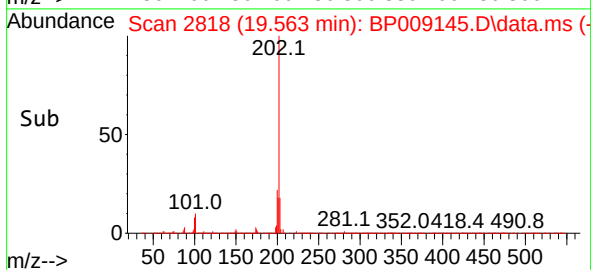
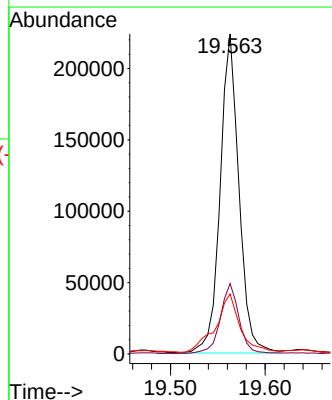
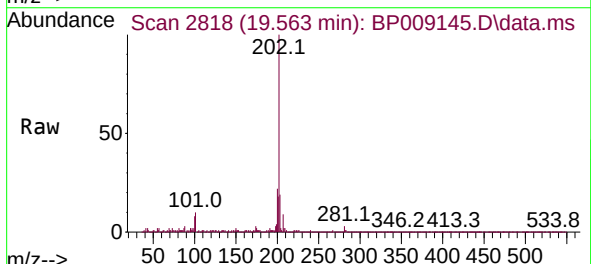
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

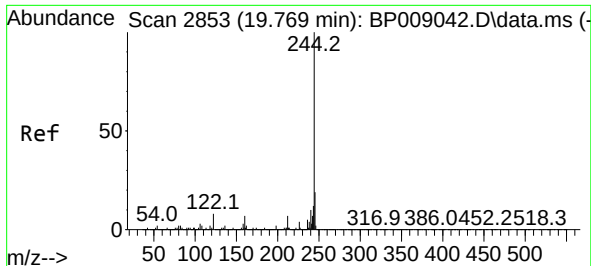
Tgt Ion:240 Resp: 1089440
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.4 21.2 31.8



#78
Pyrene
Concen: 3.989 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:202 Resp: 309109
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.8 15.0 22.6

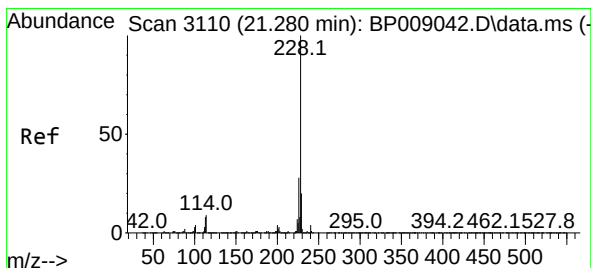
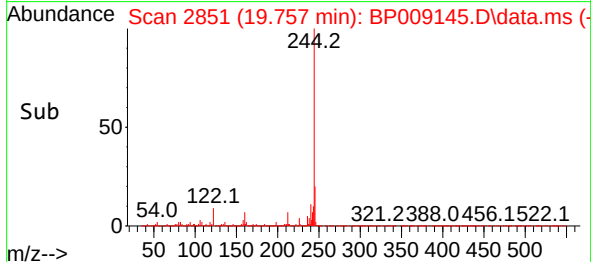
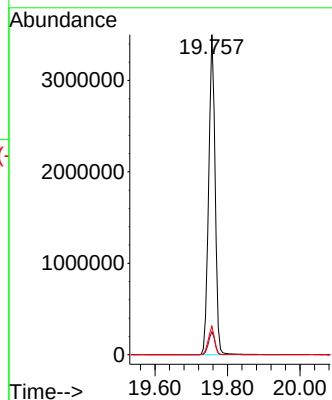
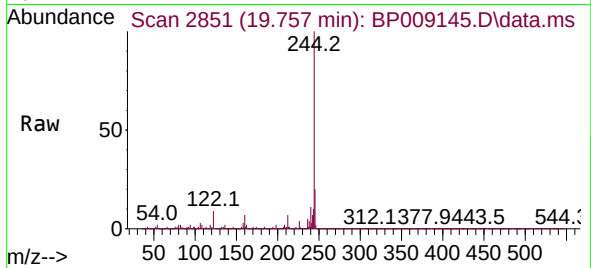




#79
 Terphenyl-d14
 Concen: 71.078 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009145.D
 Acq: 14 Feb 2022 21:07

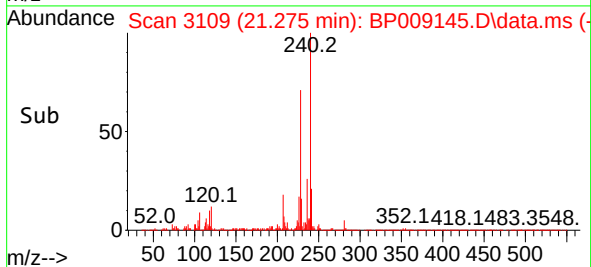
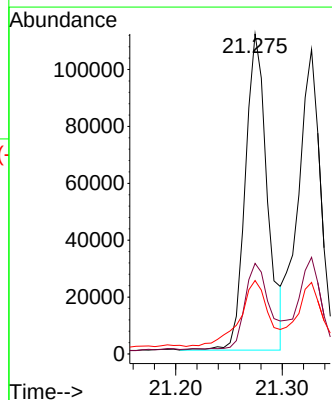
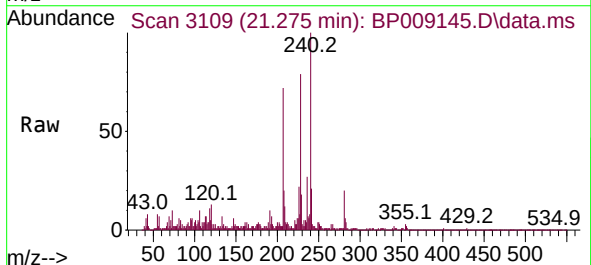
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-021122

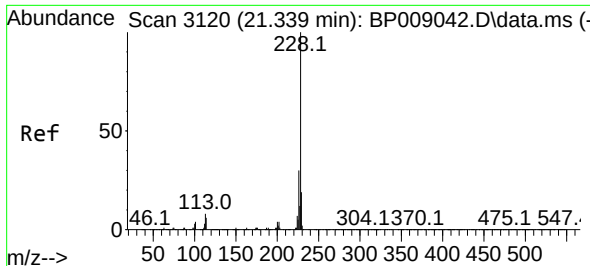
Tgt Ion:244 Resp: 4305965
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.9 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 2.269 ng
 RT: 21.275 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP009145.D
 Acq: 14 Feb 2022 21:07

Tgt Ion:228 Resp: 159291
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.3 34.9
 229 23.0 17.0 25.6

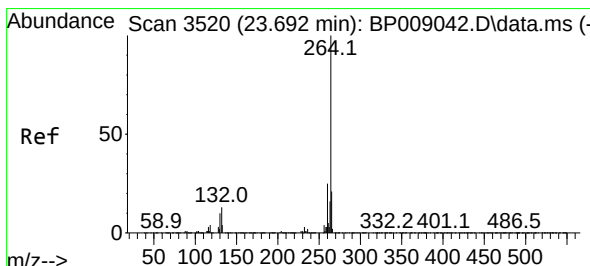
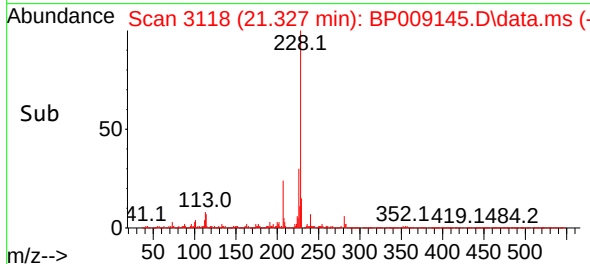
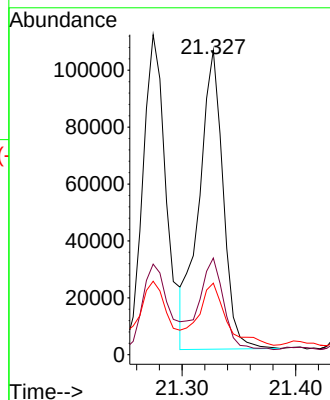
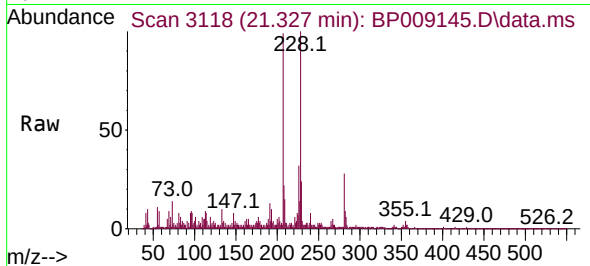




#83
Chrysene
Concen: 2.292 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

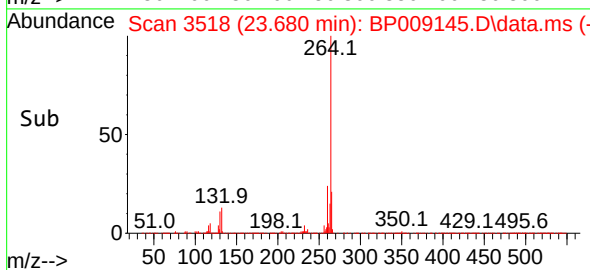
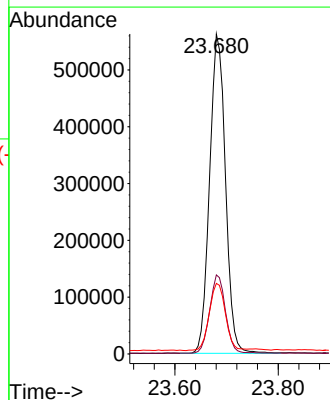
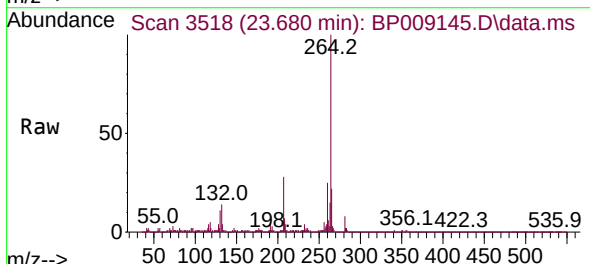
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

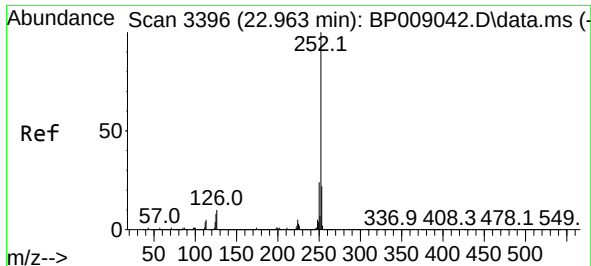
Tgt Ion:	228	Resp:	155109
Ion Ratio	Lower	Upper	
228	100		
226	31.7	26.0	39.0
229	23.5	16.9	25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 3518
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:	264	Resp:	1200616
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.1	28.7
265	22.1	17.1	25.7

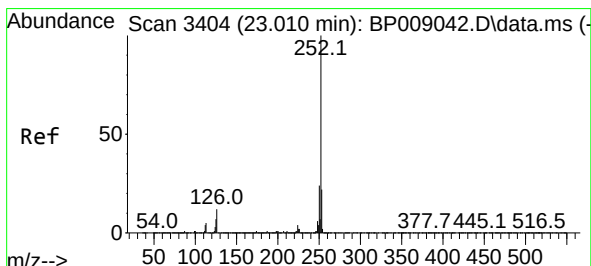
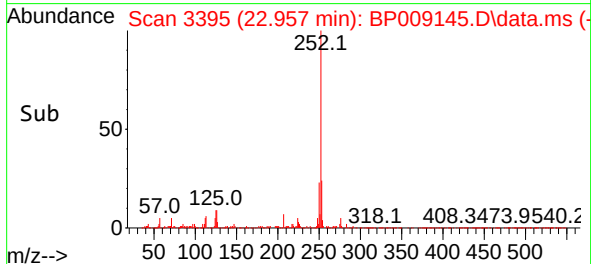
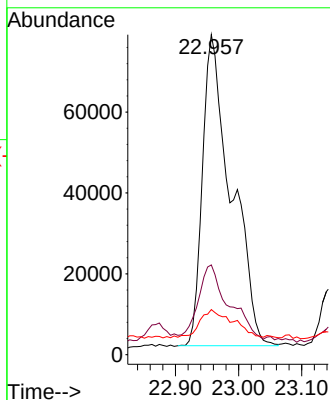
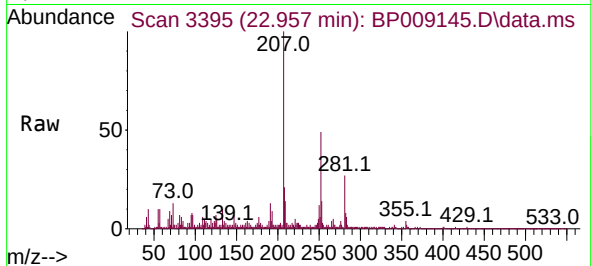




#88
Benzo(b)fluoranthene
Concen: 3.296 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

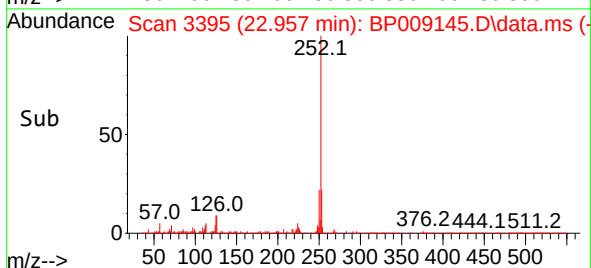
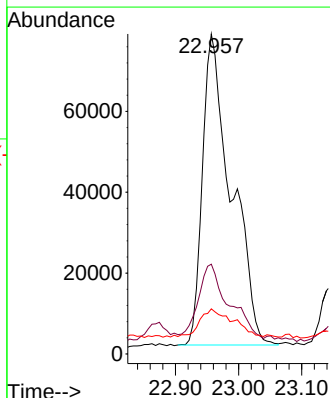
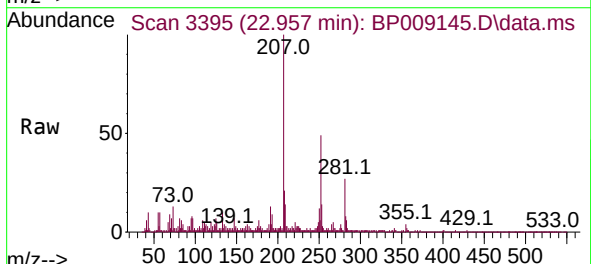
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

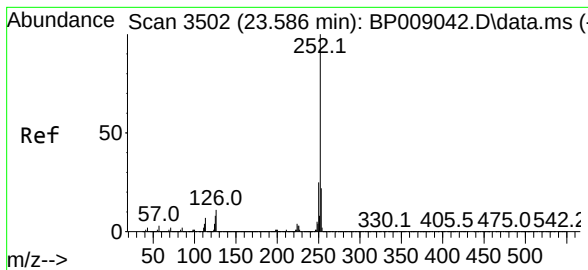
Tgt Ion:252 Resp: 243619
Ion Ratio Lower Upper
252 100
253 28.1 18.0 27.0#
125 14.1 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 3.304 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.053 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:252 Resp: 243619
Ion Ratio Lower Upper
252 100
253 28.1 18.2 27.2#
125 14.1 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 2.227 ng

RT: 23.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009145.D

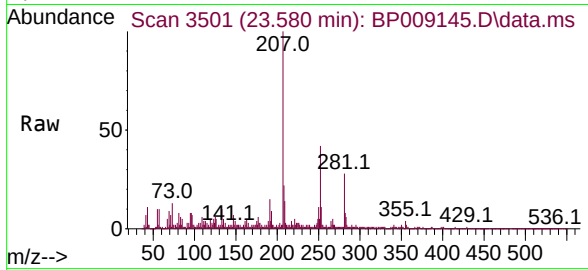
Acq: 14 Feb 2022 21:07

Instrument :

BNA_P

ClientSampleId :

OR-02-021122



Tgt Ion:252 Resp: 137261

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.8

125 14.2 7.8 11.6#

