

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019732.D
 Acq On : 15 Feb 2024 20:18
 Operator : MA/JU
 Sample : P1395-04DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)DL

Quant Time: Feb 16 00:55:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

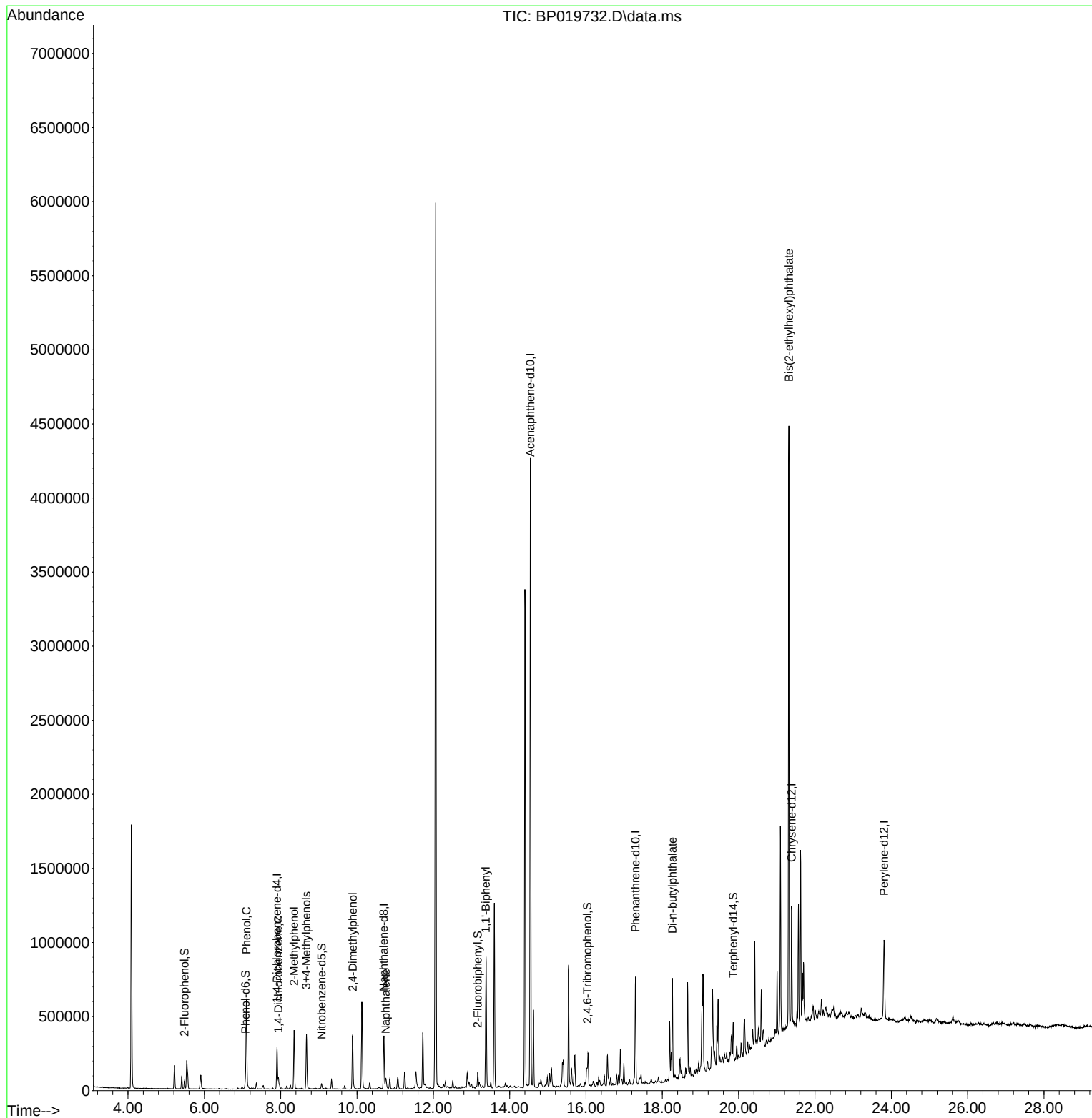
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75695	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	291828	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	212826	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	456363	20.000	ng	0.00
76) Chrysene-d12	21.386	240	414544	20.000	ng	0.00
86) Perylene-d12	23.810	264	479144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	22316	4.752	ng	0.00
7) Phenol-d6	7.075	99	29886	4.720	ng	-0.01
23) Nitrobenzene-d5	9.069	82	21861	3.246	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	18971	6.105	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	53610	3.114	ng	-0.02
79) Terphenyl-d14	19.857	244	96386	3.824	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	7.105	94	338434	53.628	ng	99
13) 1,4-Dichlorobenzene	7.940	146	30679	5.133	ng	97
17) 2-Methylphenol	8.352	107	113320	26.672	ng	99
20) 3+4-Methylphenols	8.675	107	167423	28.874	ng	95
27) 2,4-Dimethylphenol	9.887	122	107644	32.559	ng	96
31) Naphthalene	10.751	128	35629	2.226	ng	97
46) 1,1'-Biphenyl	13.375	154	234570	13.809	ng	98
74) Di-n-butylphthalate	18.263	149	443046	16.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	1490619	89.595	ng	98

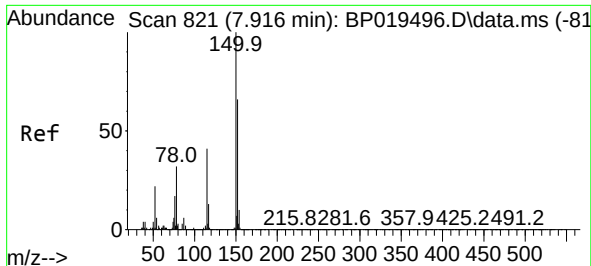
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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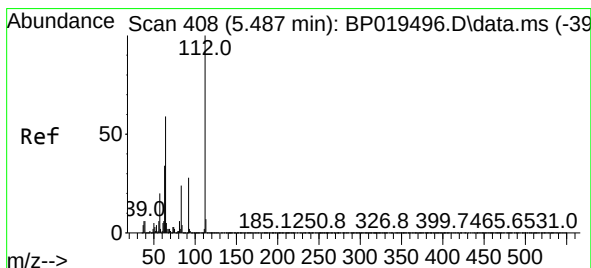
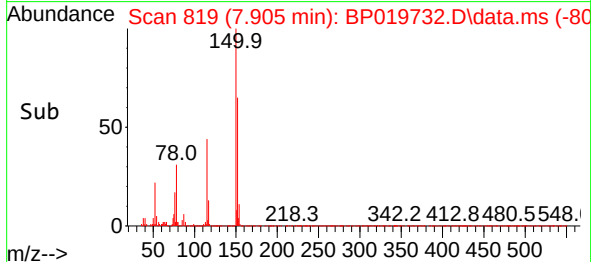
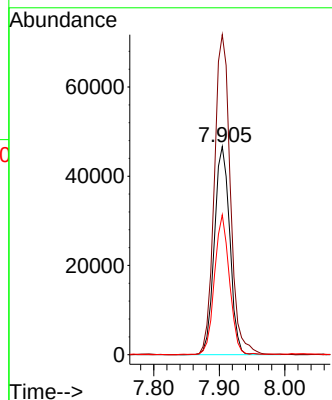
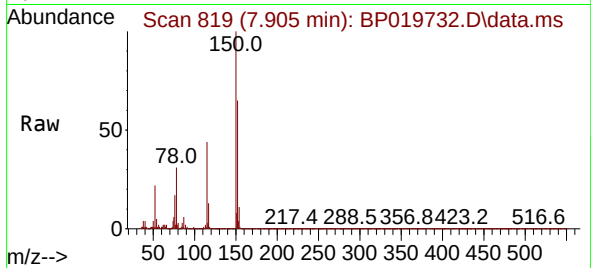




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

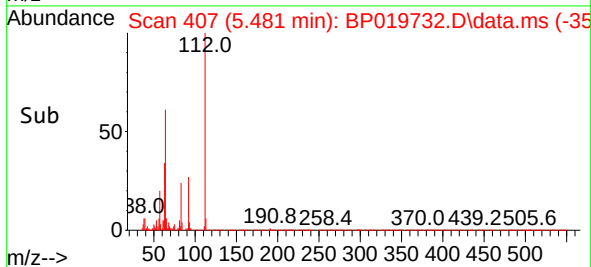
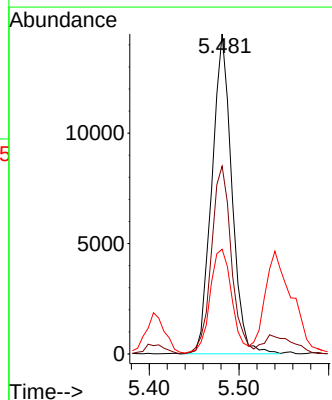
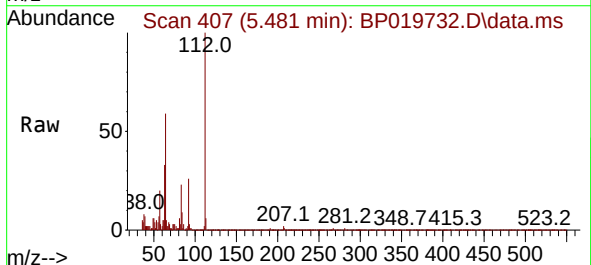
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

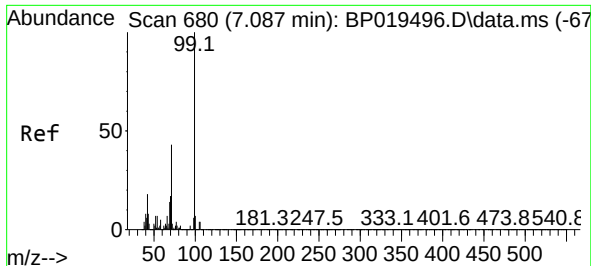
Tgt Ion:152 Resp: 75695
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 67.2 49.9 74.9



#5
2-Fluorophenol
Concen: 4.752 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:112 Resp: 22316
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 32.7 27.0 40.6

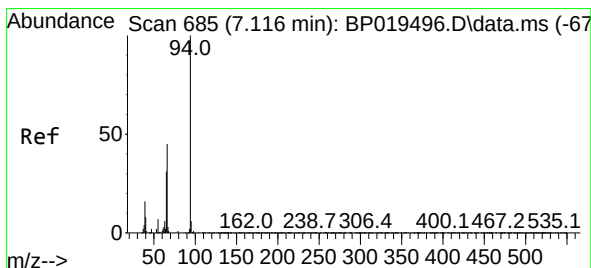
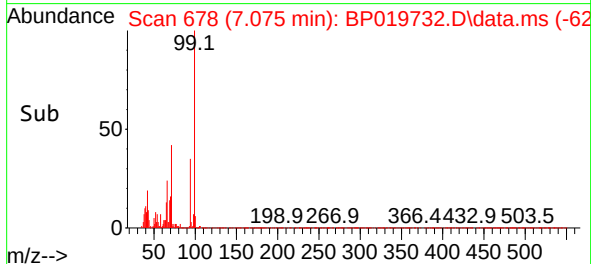
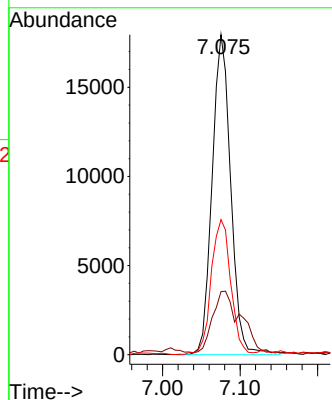
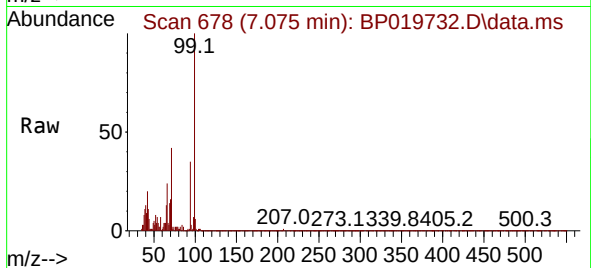




#7
Phenol-d6
Concen: 4.720 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

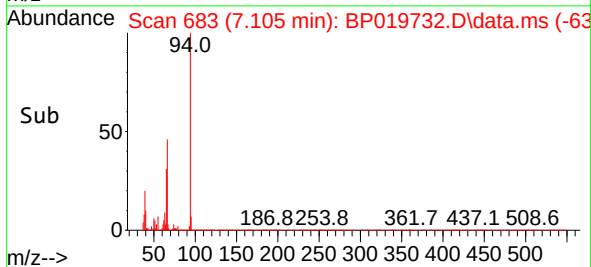
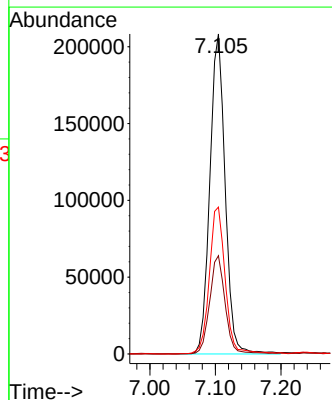
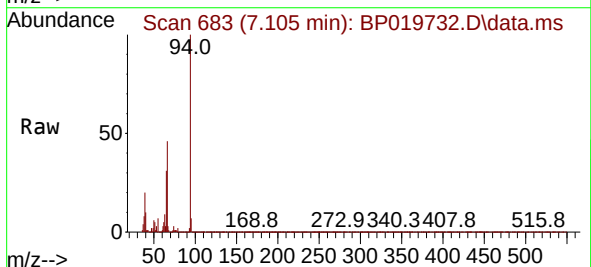
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

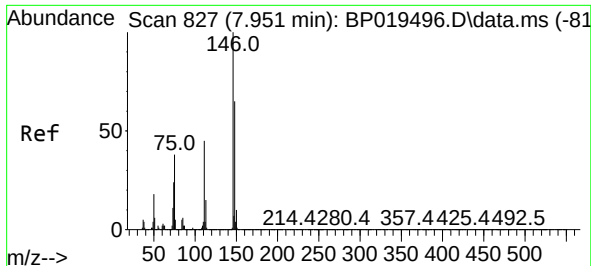
Tgt Ion: 99 Resp: 29886
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.2 34.8 52.2



#10
Phenol
Concen: 53.628 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion: 94 Resp: 338434
Ion Ratio Lower Upper
94 100
65 30.7 11.3 51.3
66 45.9 25.1 65.1

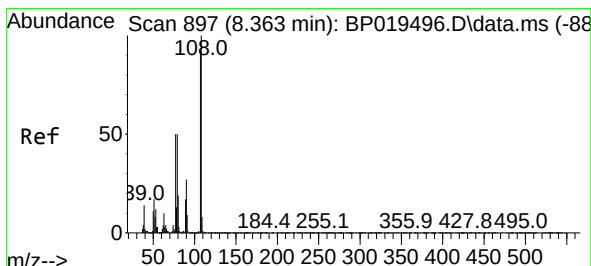
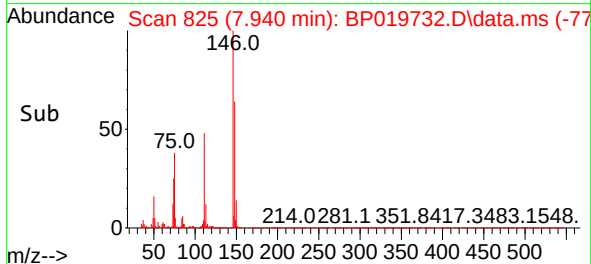
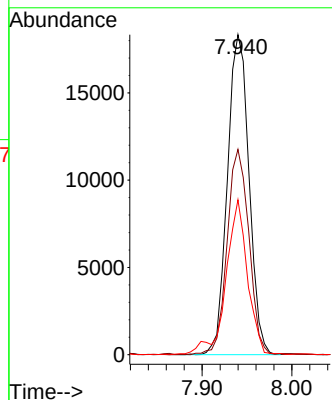
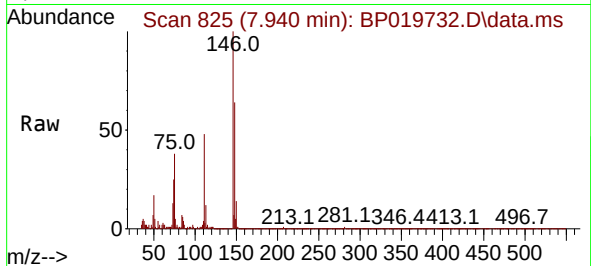




#13
1,4-Dichlorobenzene
Concen: 5.133 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

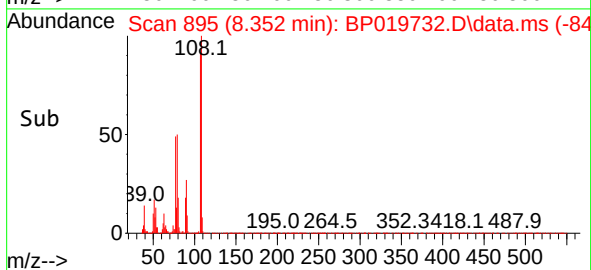
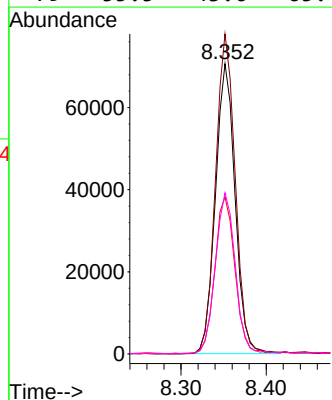
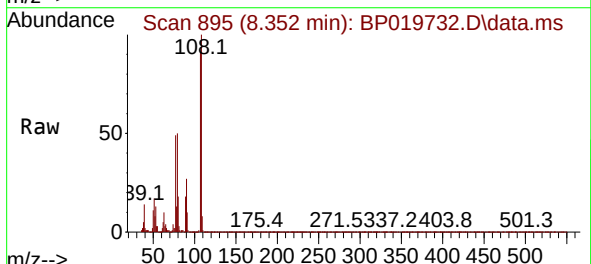
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

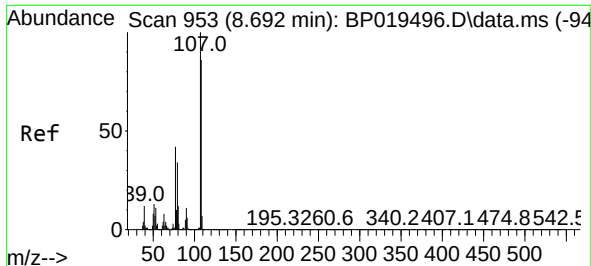
Tgt Ion:	146	Resp:	30679
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	48.4	35.8	53.6



#17
2-Methylphenol
Concen: 26.672 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:	107	Resp:	113320
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.0	130.6
77	54.1	43.5	65.3
79	55.5	43.6	65.4

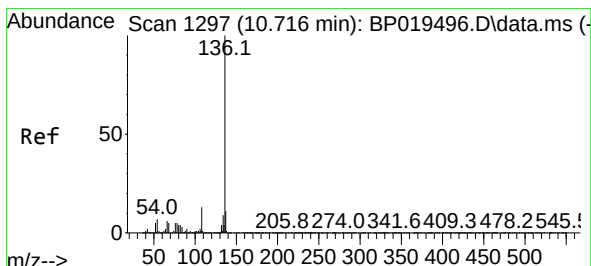
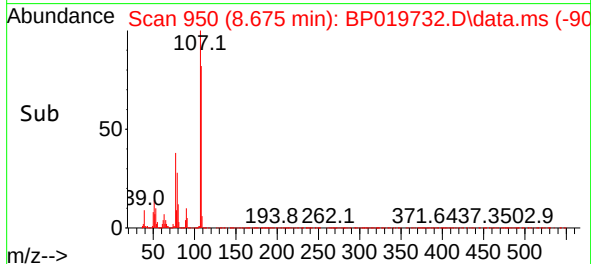
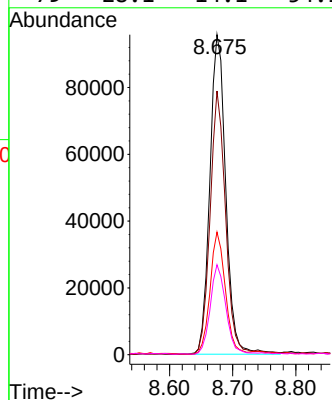
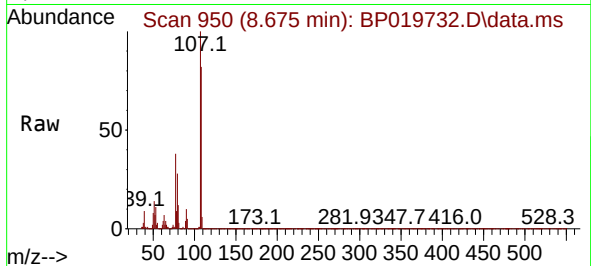




#20
3+4-Methylphenols
Concen: 28.874 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

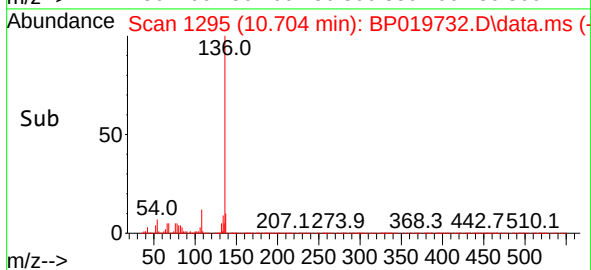
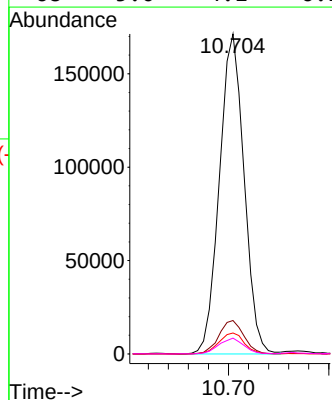
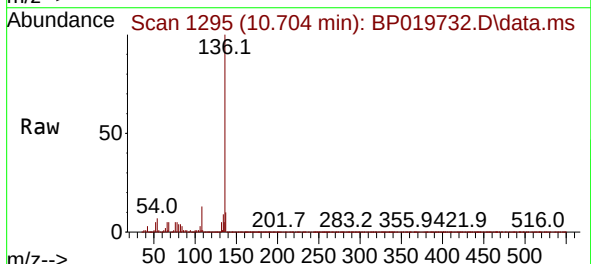
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

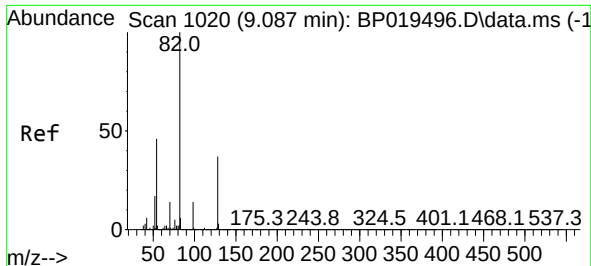
Tgt	Ion:107	Resp:	167423
Ion	Ratio	Lower	Upper
107	100		
108	82.4	65.5	105.5
77	38.3	21.8	61.8
79	28.1	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:136	Resp: 291828
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 6.6	5.3 7.9
68 5.0	4.1 6.1

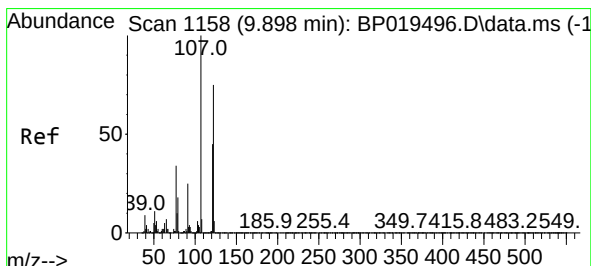
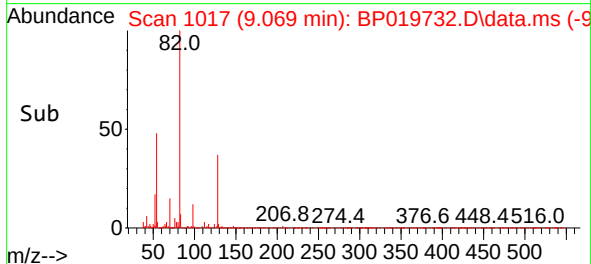
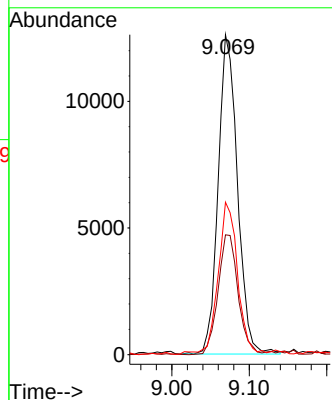
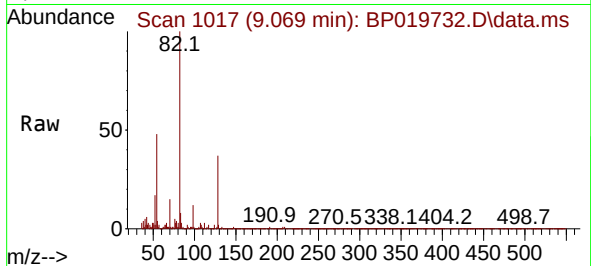




#23
Nitrobenzene-d5
Concen: 3.246 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

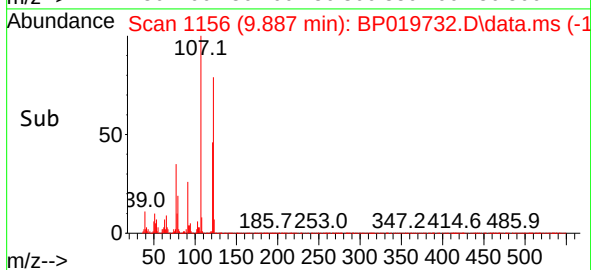
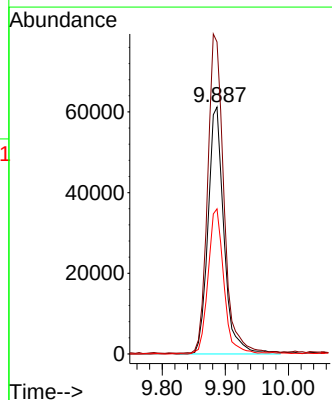
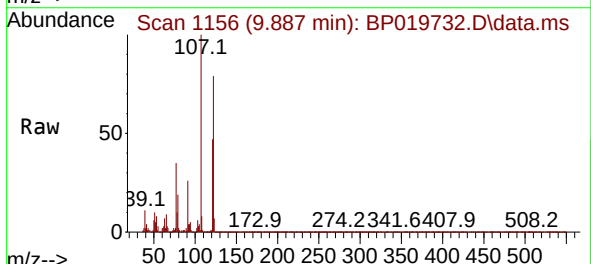
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

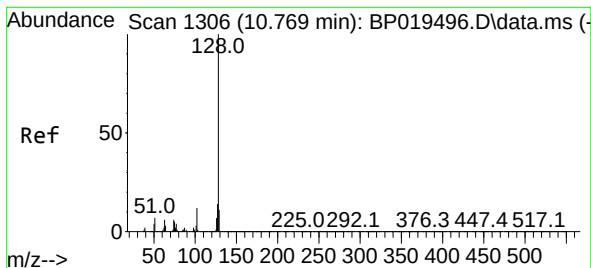
Tgt Ion:	82	Resp:	21861
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.7	44.5
54	47.7	36.8	55.2



#27
2,4-Dimethylphenol
Concen: 32.559 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:	122	Resp:	107644
Ion	Ratio	Lower	Upper
122	100		
107	126.4	105.9	158.9
121	58.8	47.5	71.3





#31

Naphthalene

Concen: 2.226 ng

RT: 10.751 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL

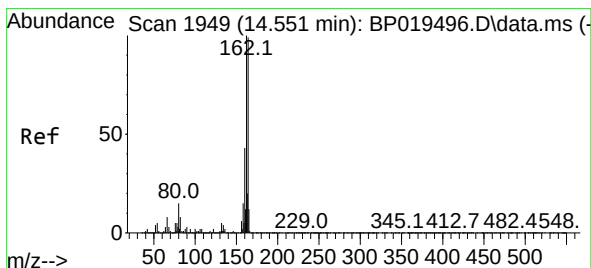
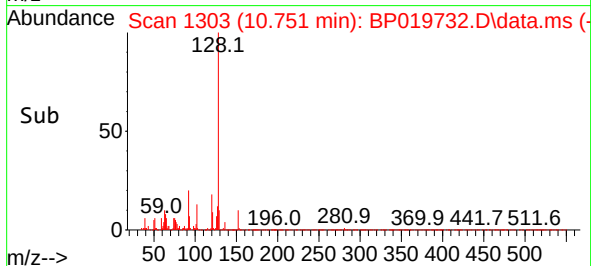
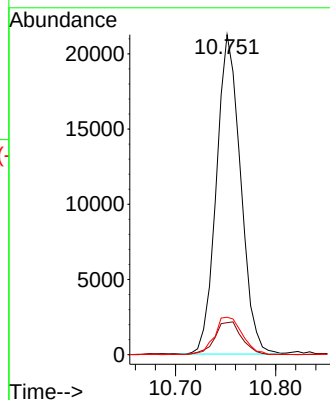
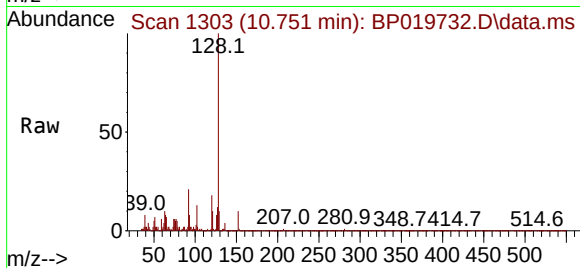
Tgt Ion:128 Resp: 35629

Ion Ratio Lower Upper

128 100

129 10.0 8.6 13.0

127 11.7 10.8 16.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

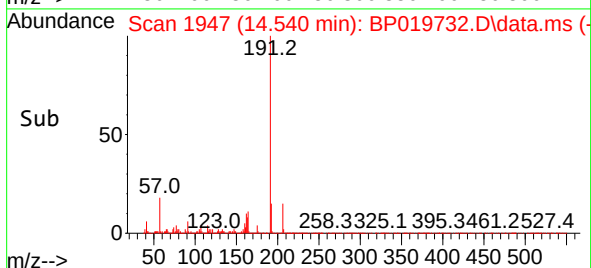
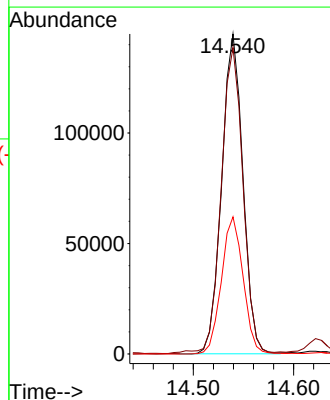
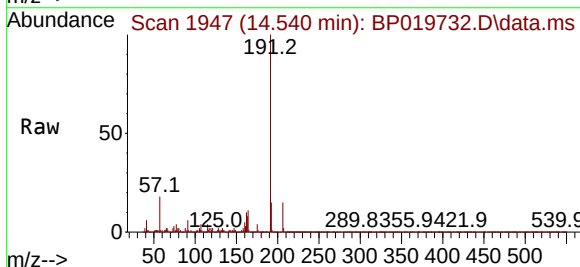
Tgt Ion:164 Resp: 212826

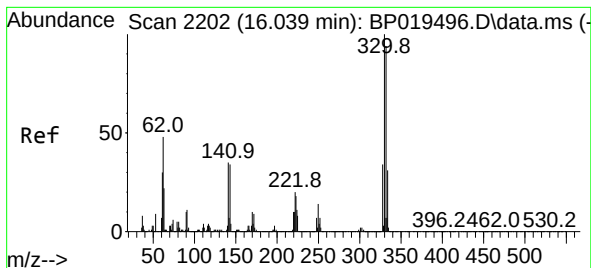
Ion Ratio Lower Upper

164 100

162 95.8 81.2 121.8

160 42.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 6.105 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL

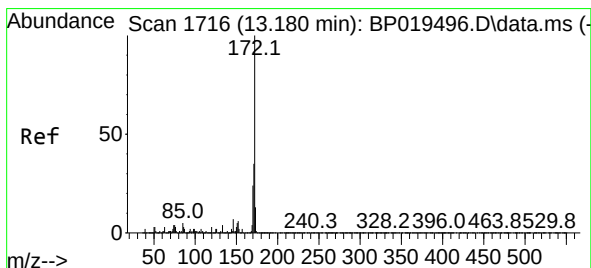
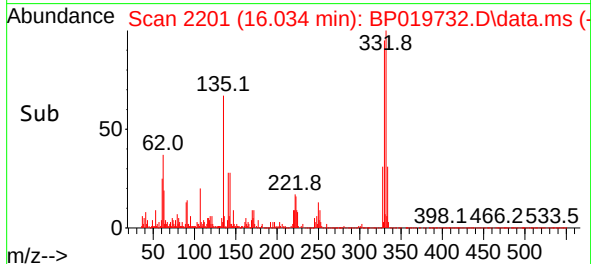
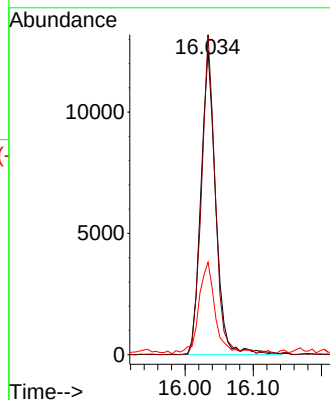
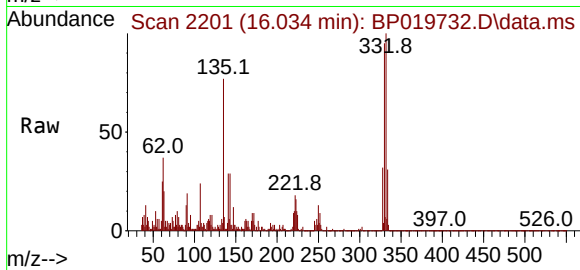
Tgt Ion:330 Resp: 18971

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 32.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 3.114 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

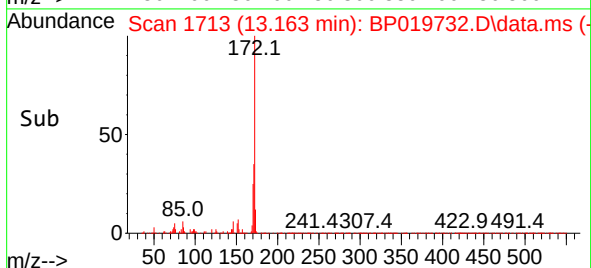
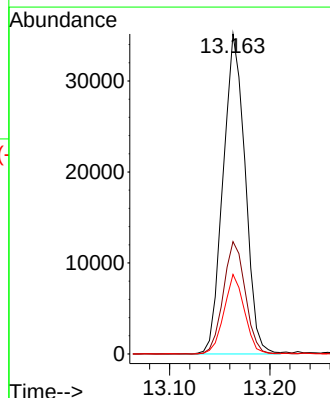
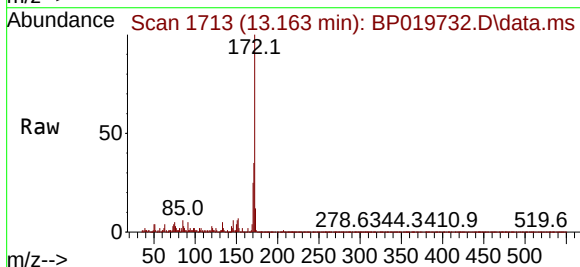
Tgt Ion:172 Resp: 53610

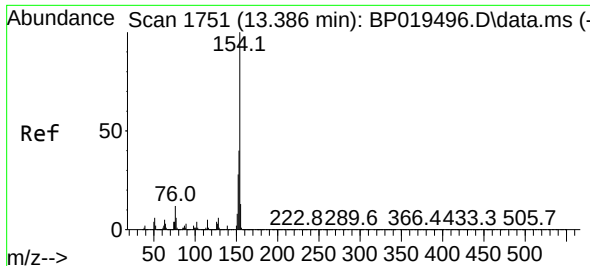
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 24.8 18.9 28.3

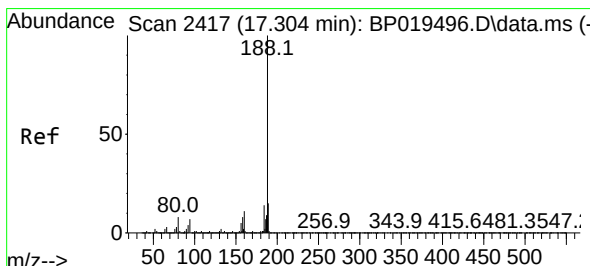
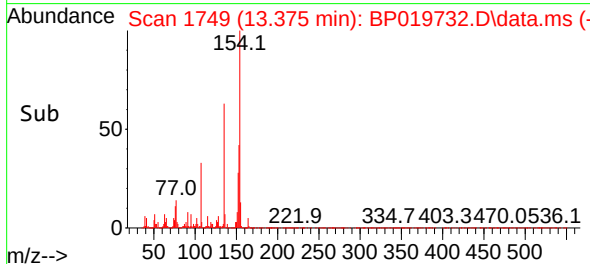
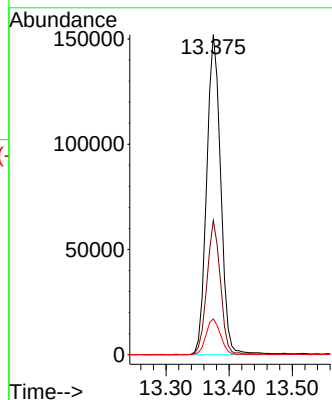
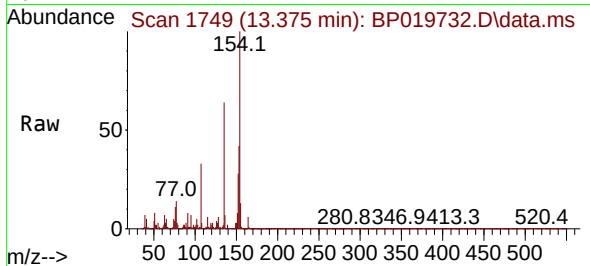




#46
1,1'-Biphenyl
Concen: 13.809 ng
RT: 13.375 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

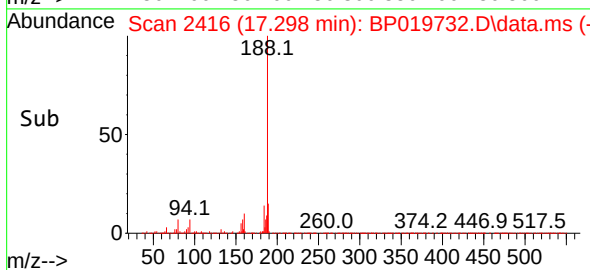
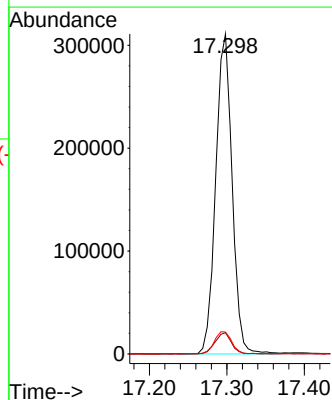
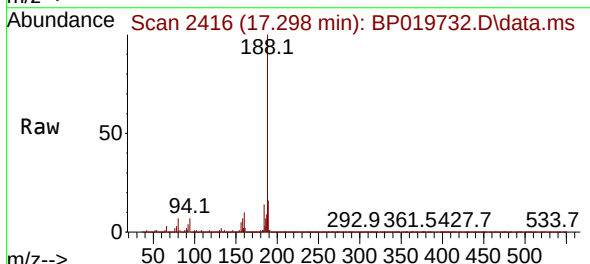
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

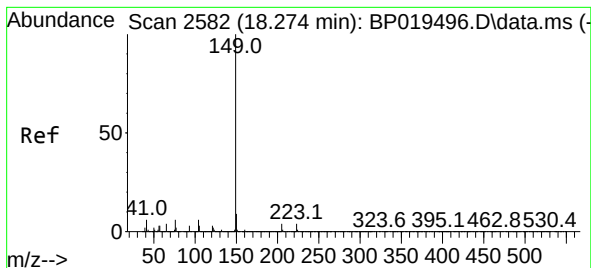
Tgt Ion:154 Resp: 234570
Ion Ratio Lower Upper
154 100
153 42.0 20.2 60.2
76 11.2 0.0 31.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:188 Resp: 456363
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 6.9 6.3 9.5





#74

Di-n-butylphthalate

Concen: 16.835 ng

RT: 18.263 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

Instrument :

BNA_P

ClientSampleId :

B-2(6-8)DL

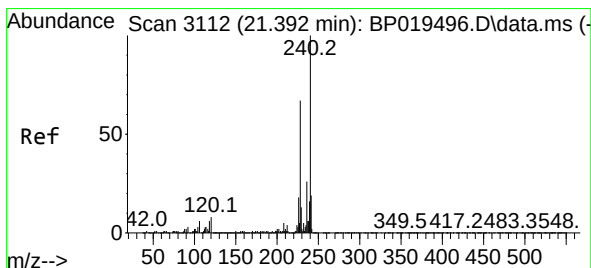
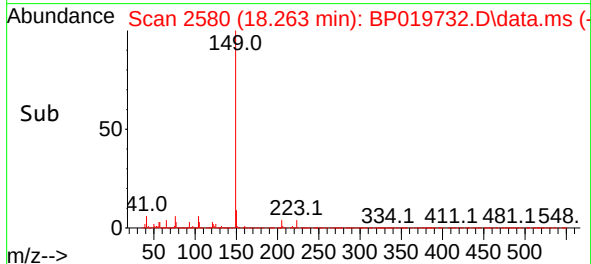
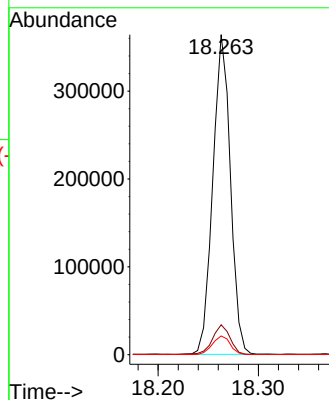
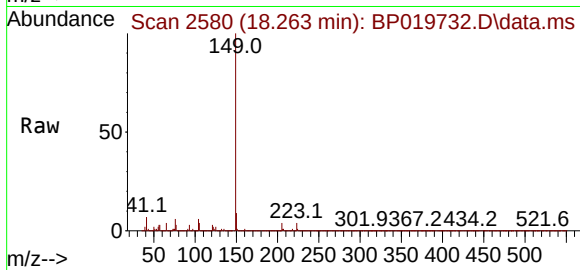
Tgt Ion:149 Resp: 443046

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.9 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019732.D

Acq: 15 Feb 2024 20:18

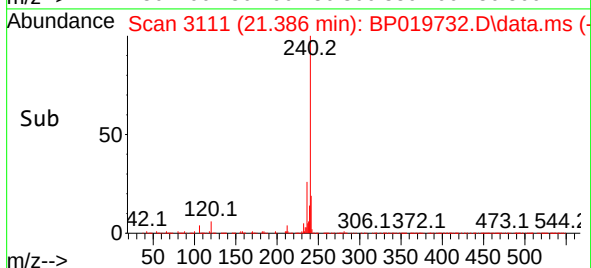
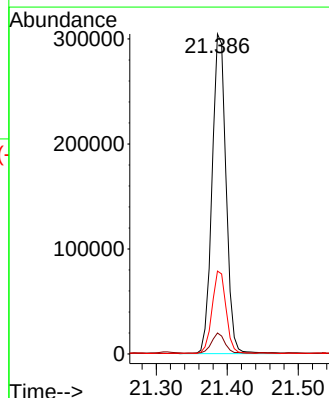
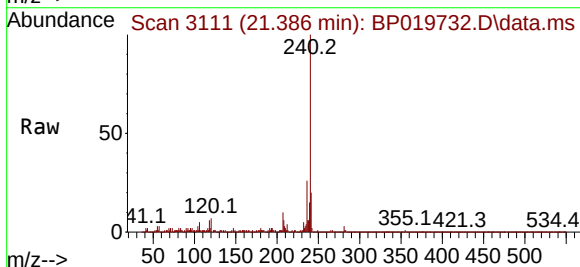
Tgt Ion:240 Resp: 414544

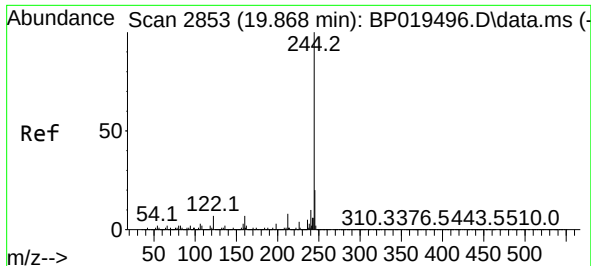
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.9 20.7 31.1

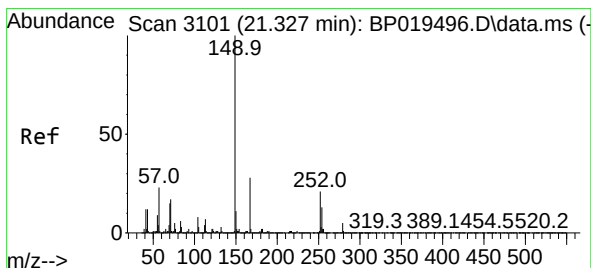
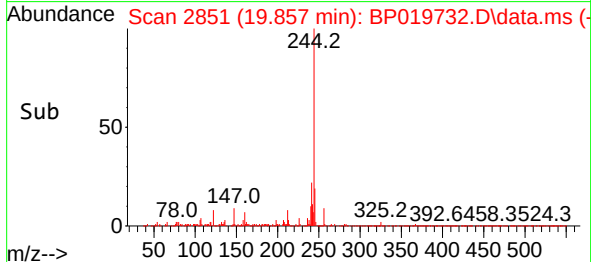
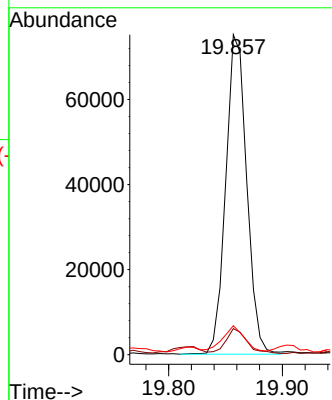
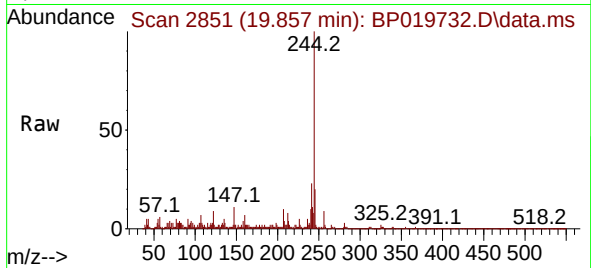




#79
Terphenyl-d14
Concen: 3.824 ng
RT: 19.857 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

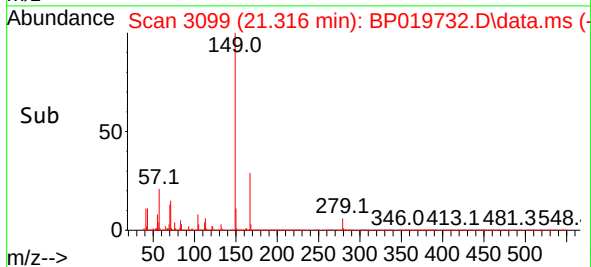
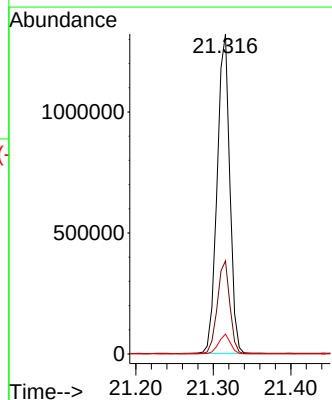
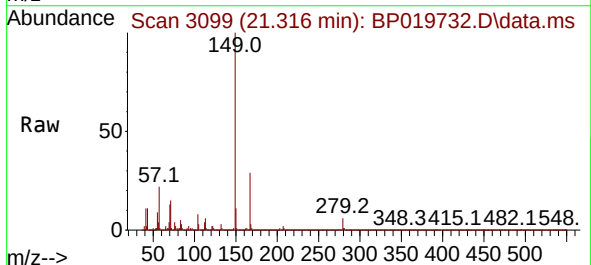
Instrument :
BNA_P
ClientSampleId :
B-2(6-8)DL

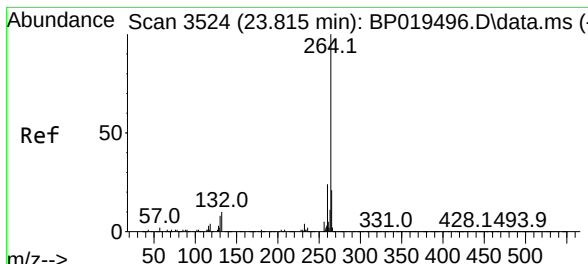
Tgt Ion:244 Resp: 96386
Ion Ratio Lower Upper
244 100
212 8.2 6.1 9.1
122 9.0 5.9 8.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 89.595 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP019732.D
Acq: 15 Feb 2024 20:18

Tgt Ion:149 Resp: 1490619
Ion Ratio Lower Upper
149 100
167 29.1 22.7 34.1
279 6.2 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP019732.D
 Acq: 15 Feb 2024 20:18

Instrument :
 BNA_P
 ClientSampleId :
 B-2(6-8)DL

Tgt Ion:264 Resp: 479144

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.2	17.0	25.4

