

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019731.D
 Acq On : 15 Feb 2024 19:44
 Operator : MA/JU
 Sample : P1395-03DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-6)DL

Quant Time: Feb 16 00:55:09 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)

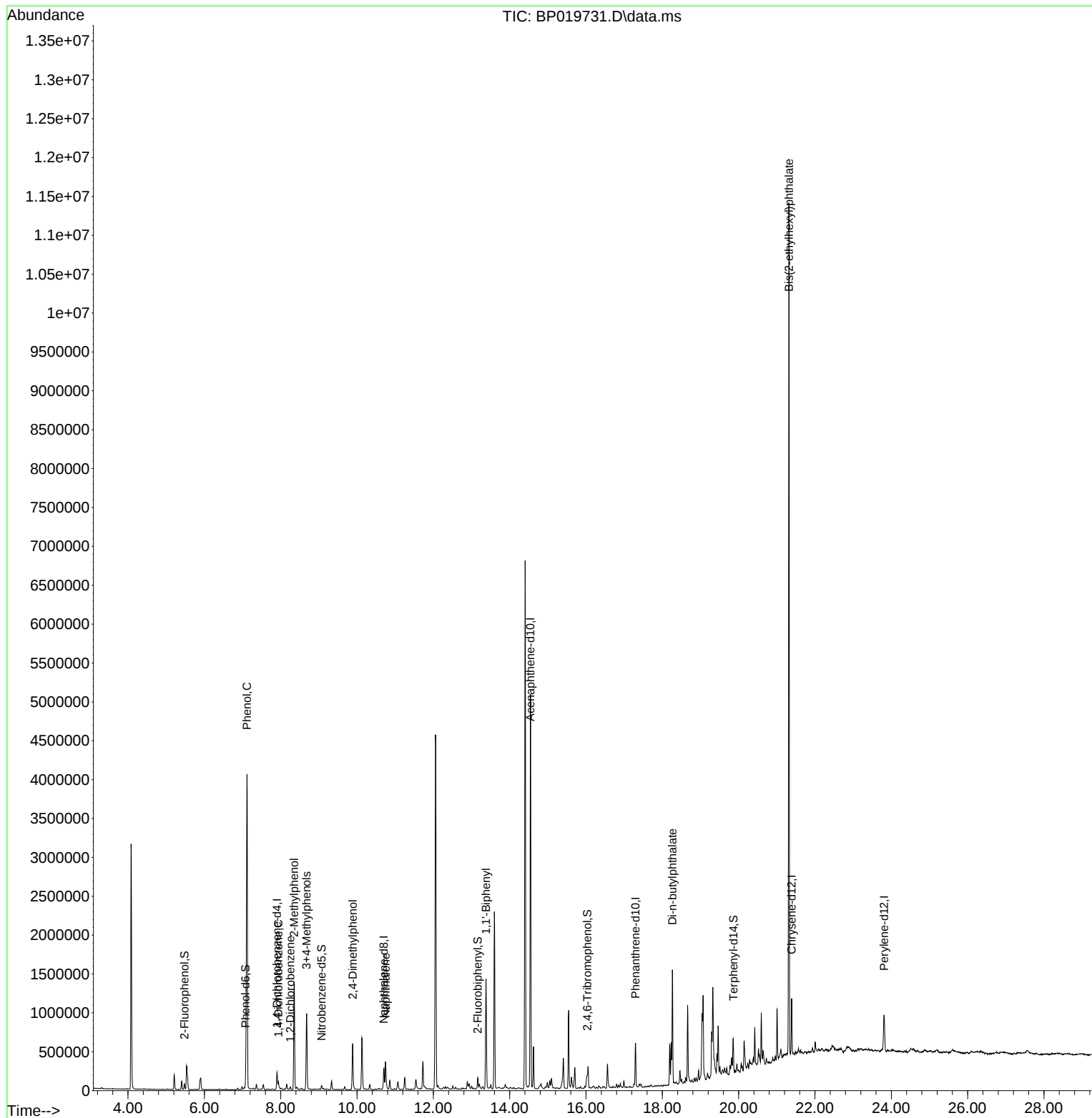
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	59208	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	221850	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	169163	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	365656	20.000	ng	0.00
76) Chrysene-d12	21.386	240	356676	20.000	ng	0.00
86) Perylene-d12	23.810	264	421771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32314	8.797	ng	0.00
7) Phenol-d6	7.081	99	44636	9.012	ng	0.00
23) Nitrobenzene-d5	9.069	82	30838	6.023	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	26652	10.791	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	74597	5.451	ng	-0.02
79) Terphenyl-d14	19.863	244	145865	6.725	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.116	94	2503244	507.112	ng	98
13) 1,4-Dichlorobenzene	7.940	146	38063	8.142	ng	99
14) 1,2-Dichlorobenzene	8.252	146	12309	2.721	ng	93
17) 2-Methylphenol	8.352	107	405416	121.992	ng	99
20) 3+4-Methylphenols	8.681	107	451309	99.506	ng	93
27) 2,4-Dimethylphenol	9.887	122	168253	66.945	ng	97
31) Naphthalene	10.752	128	56694	4.659	ng	98
46) 1,1'-Biphenyl	13.381	154	538330	39.872	ng	99
74) Di-n-butylphthalate	18.263	149	988806	46.895	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	4333538	302.731	ng	98

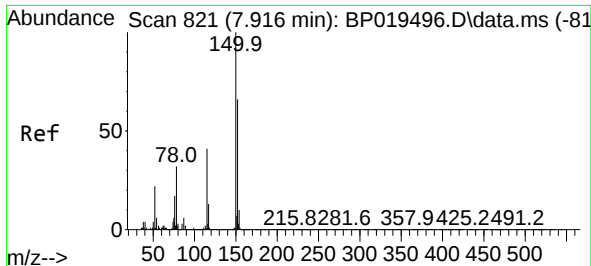
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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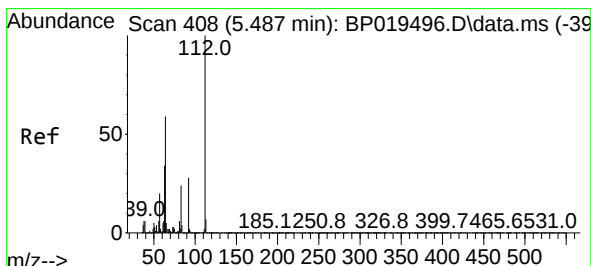
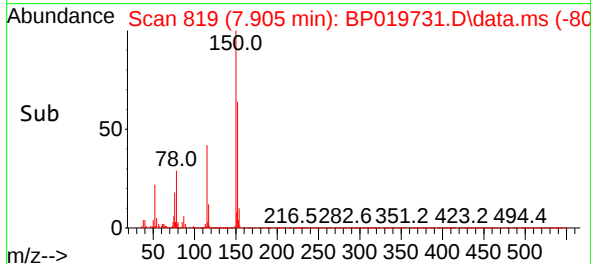
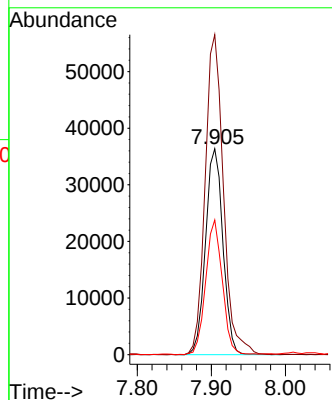
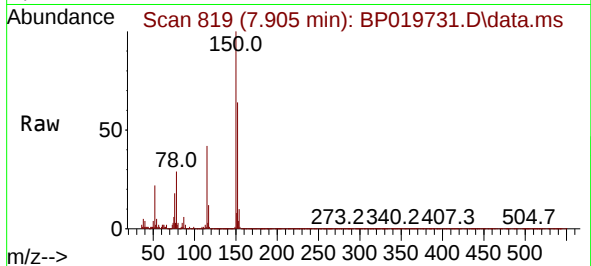




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

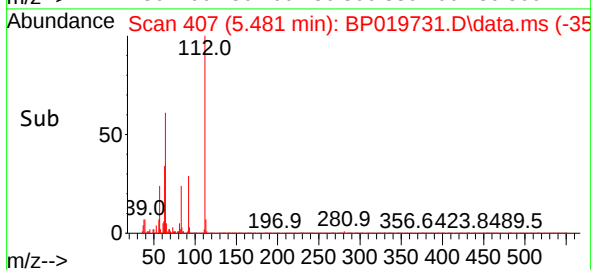
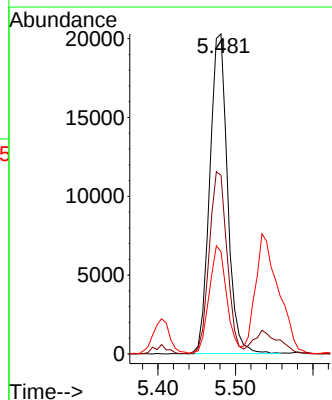
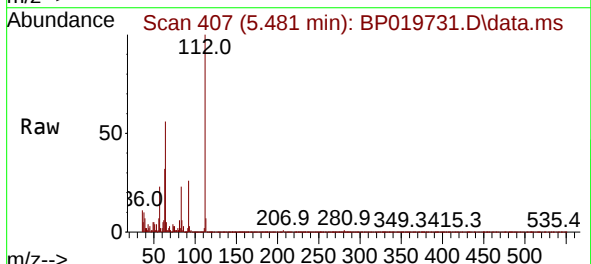
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

Tgt Ion:152 Resp: 59208
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.8
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 8.797 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:112 Resp: 32314
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.0
63 31.9 27.0 40.6

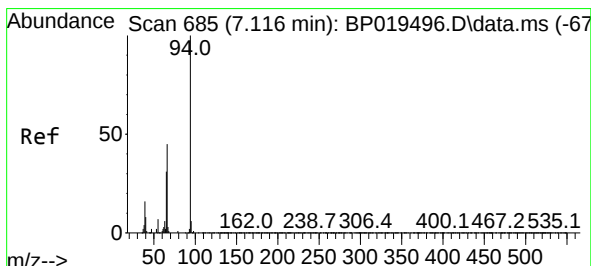
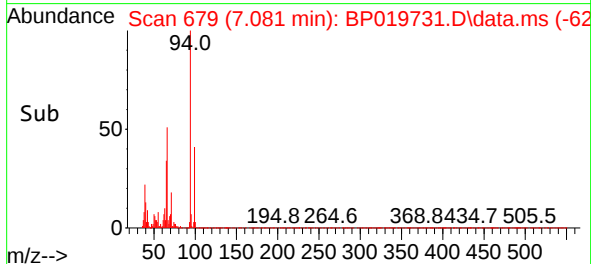
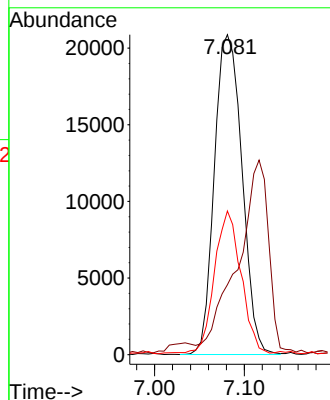
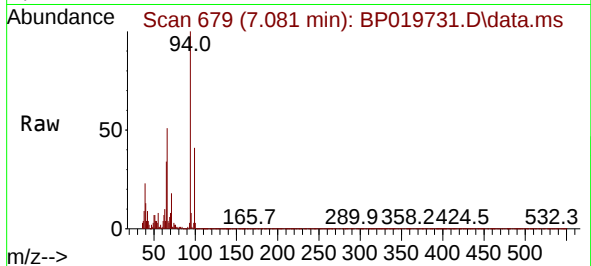




#7
Phenol-d6
Concen: 9.012 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

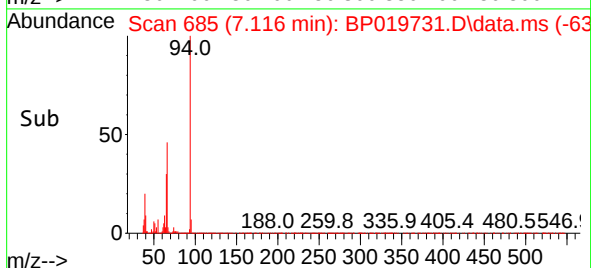
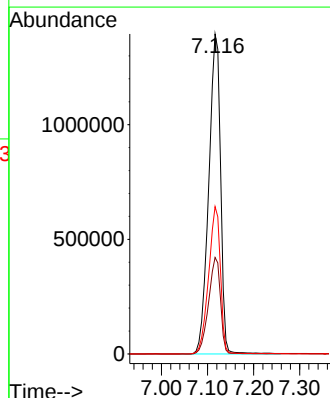
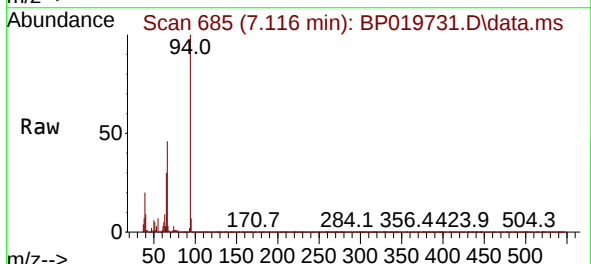
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

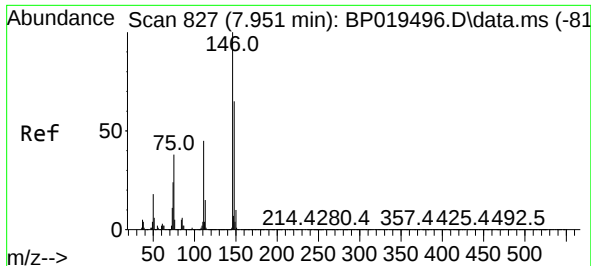
Tgt Ion: 99 Resp: 44636
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 44.9 34.8 52.2



#10
Phenol
Concen: 507.112 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion: 94 Resp: 2503244
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 46.0 25.1 65.1

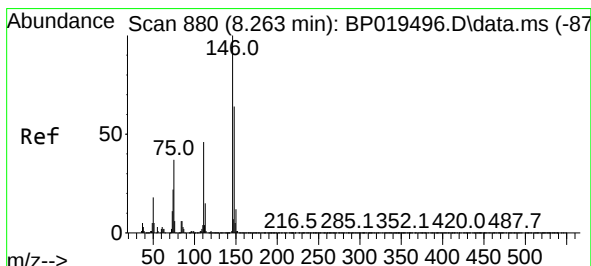
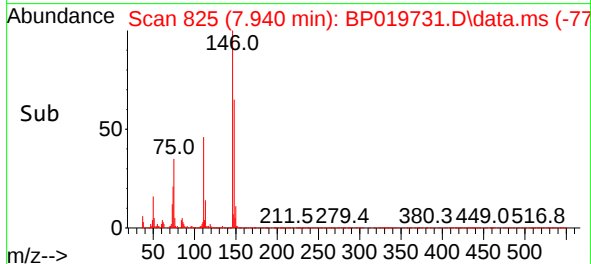
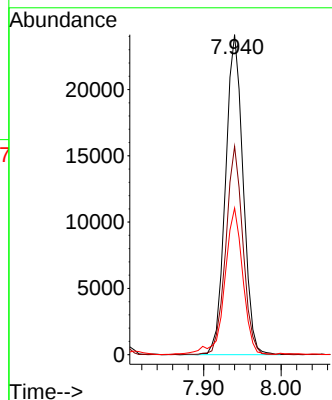
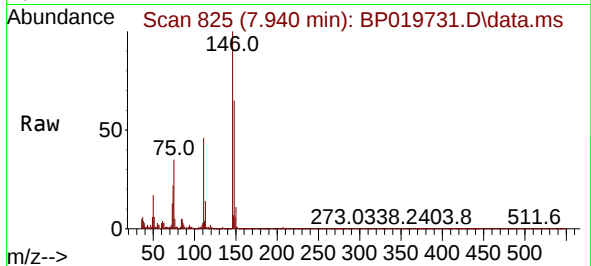




#13
1,4-Dichlorobenzene
Concen: 8.142 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

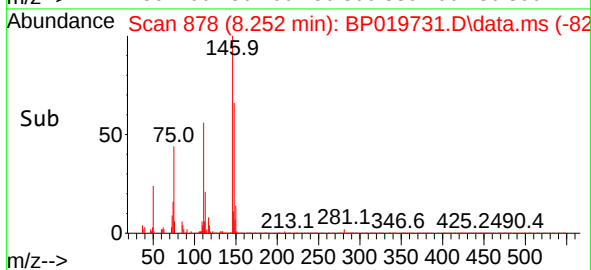
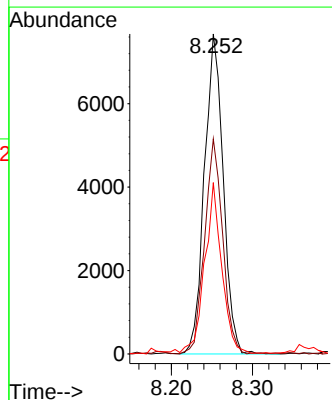
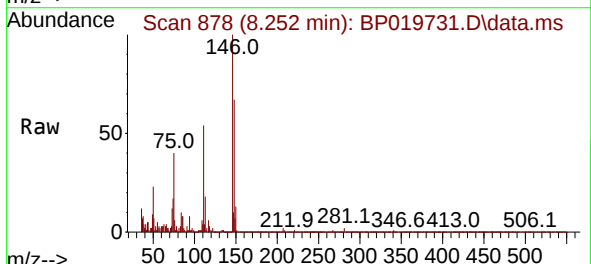
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

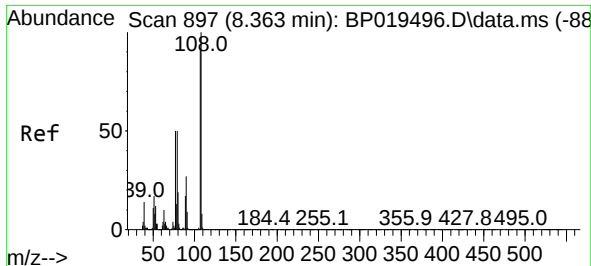
Tgt Ion:146 Resp: 38063
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 45.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 2.721 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:146 Resp: 12309
Ion Ratio Lower Upper
146 100
148 67.2 51.4 77.0
111 53.5 37.0 55.6

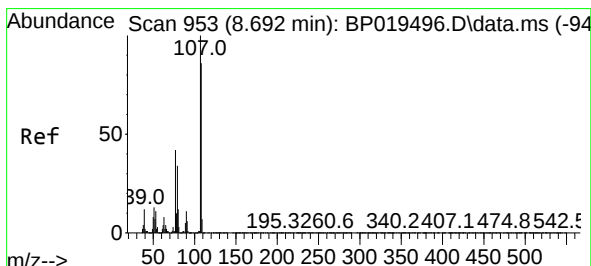
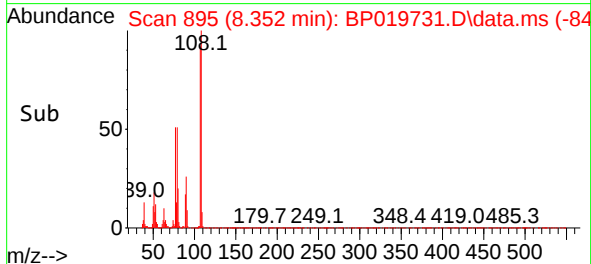
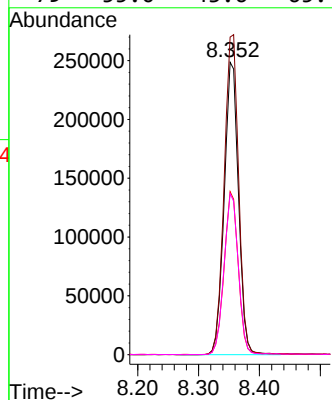
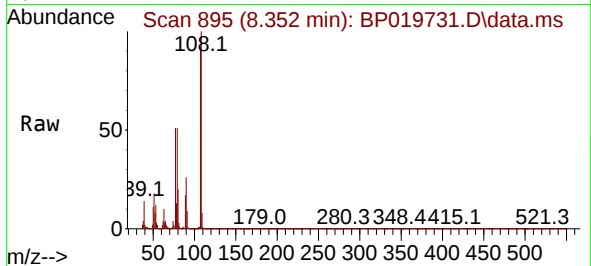




#17
2-Methylphenol
Concen: 121.992 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

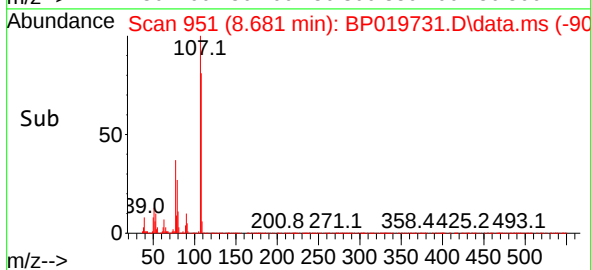
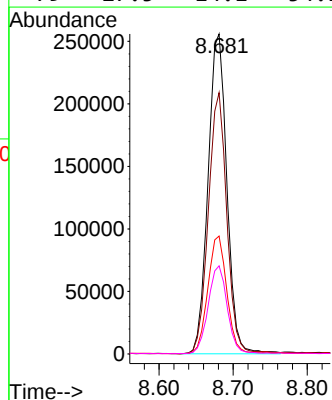
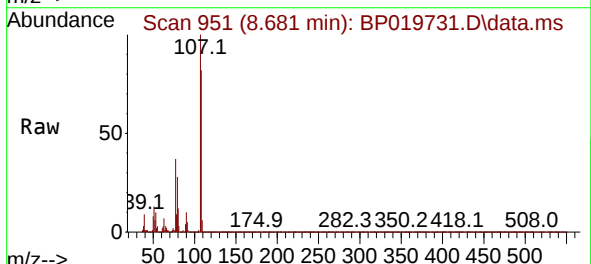
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

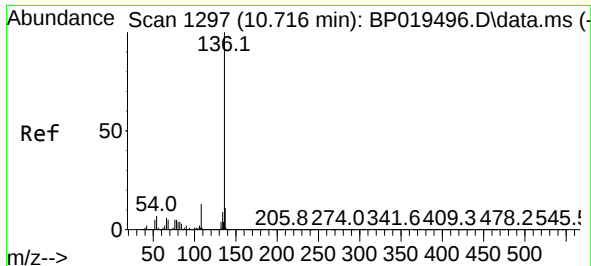
Tgt Ion:	107	Resp:	405416
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.0	130.6
77	55.7	43.5	65.3
79	55.0	43.6	65.4



#20
3+4-Methylphenols
Concen: 99.506 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:	107	Resp:	451309
Ion	Ratio	Lower	Upper
107	100		
108	81.7	65.5	105.5
77	36.9	21.8	61.8
79	27.5	14.1	54.1

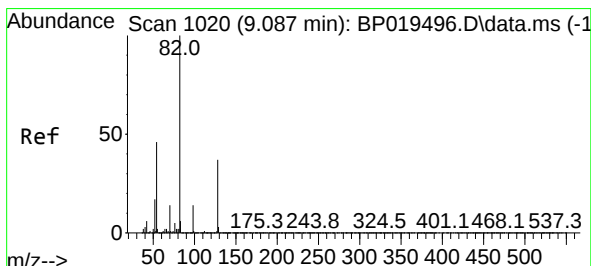
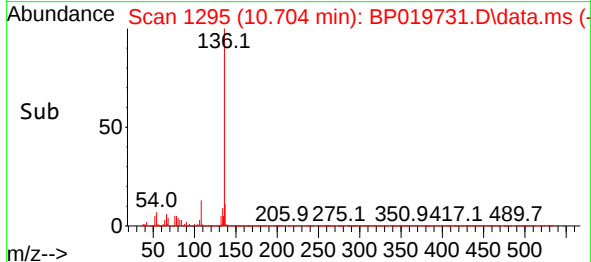
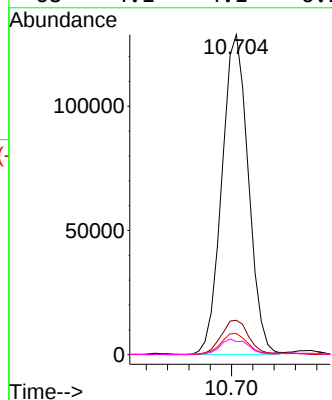
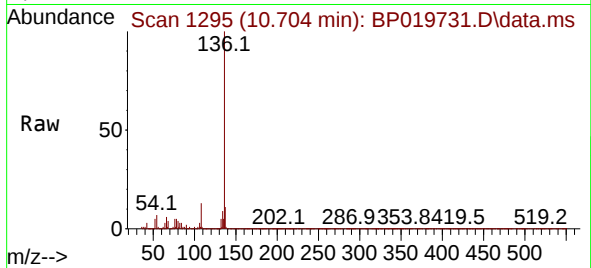




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

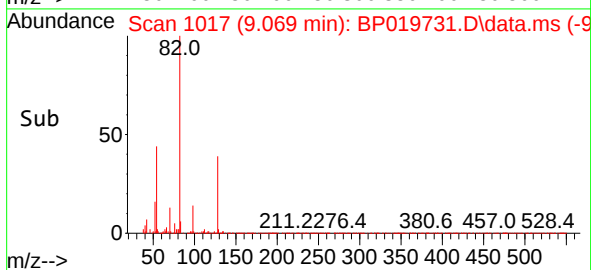
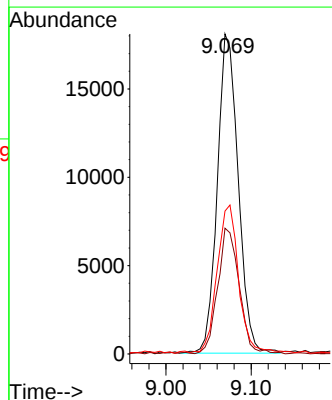
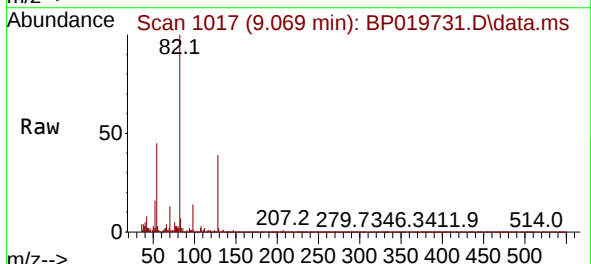
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

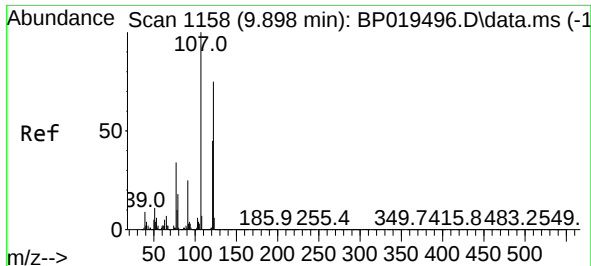
Tgt Ion:	136	Resp:	221850
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.3	7.9
68	4.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 6.023 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:	82	Resp:	30838
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.7	44.5
54	44.7	36.8	55.2





#27

2,4-Dimethylphenol

Concen: 66.945 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)DL

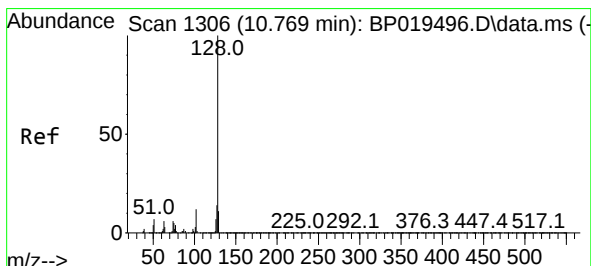
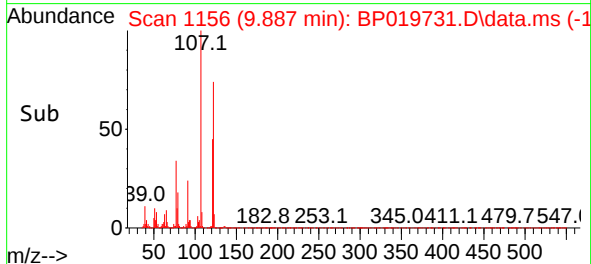
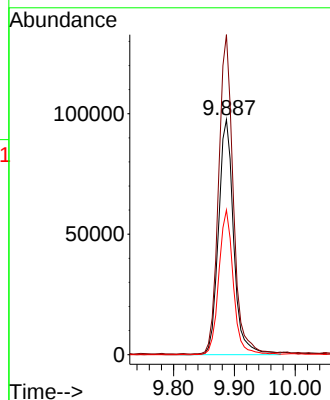
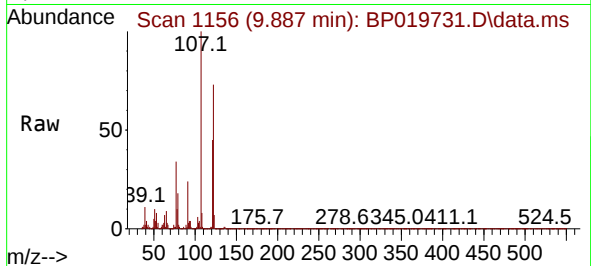
Tgt Ion:122 Resp: 168253

Ion Ratio Lower Upper

122 100

107 136.1 105.9 158.9

121 61.6 47.5 71.3



#31

Naphthalene

Concen: 4.659 ng

RT: 10.752 min Scan# 1303

Delta R.T. -0.017 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

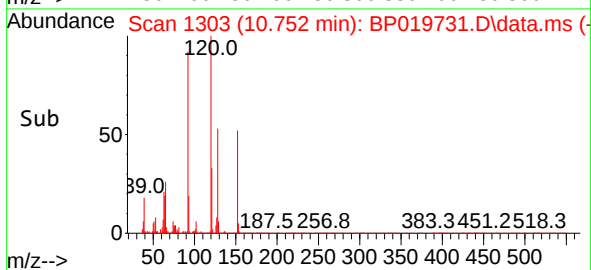
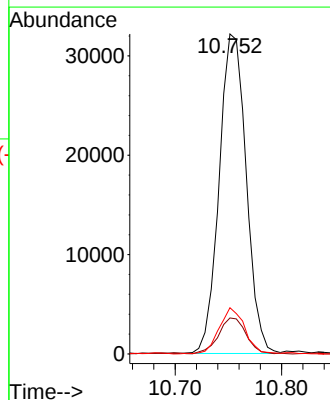
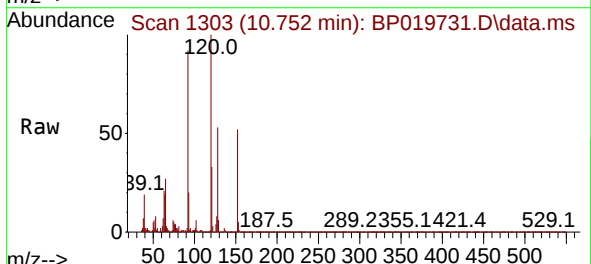
Tgt Ion:128 Resp: 56694

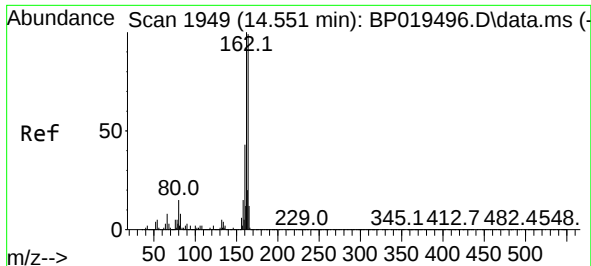
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 14.4 10.8 16.2

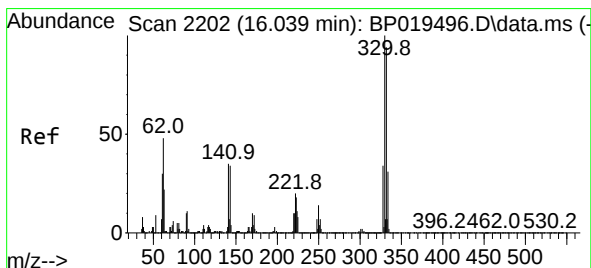
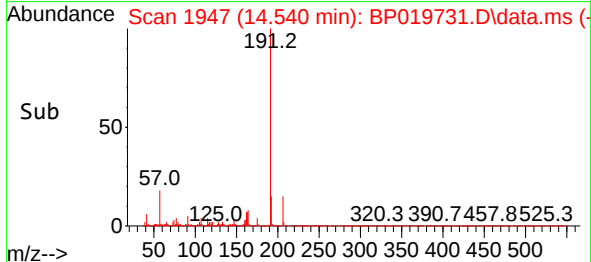
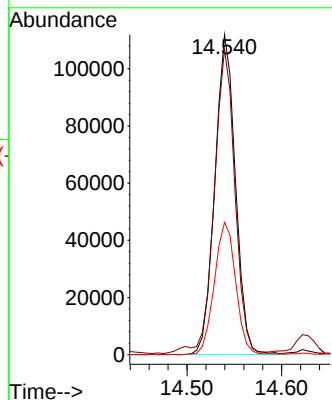
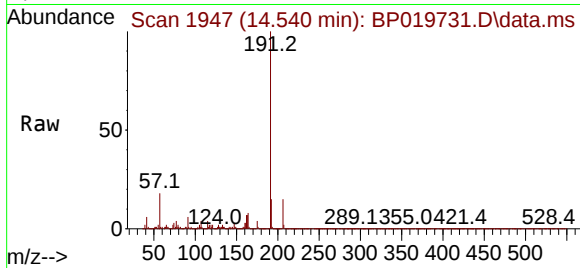




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

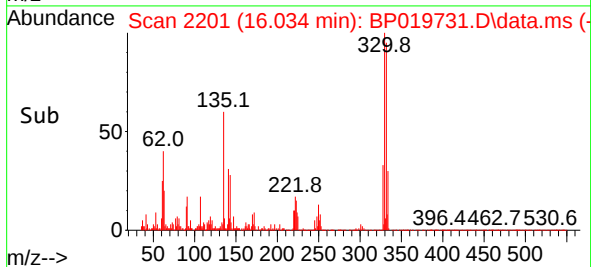
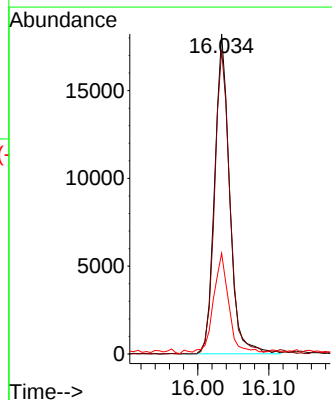
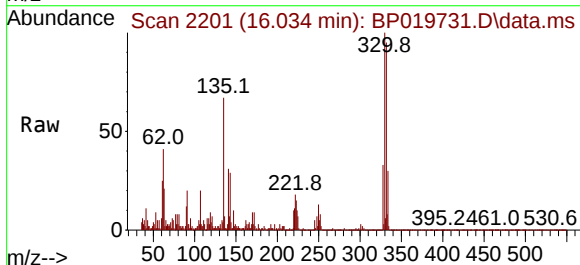
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

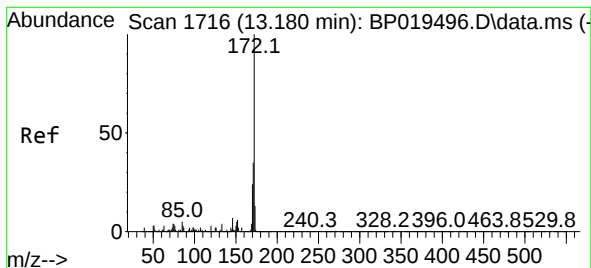
Tgt Ion:164 Resp: 169163
Ion Ratio Lower Upper
164 100
162 95.5 81.2 121.8
160 41.4 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 10.791 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:330 Resp: 26652
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 33.0 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 5.451 ng

RT: 13.163 min Scan# 1716

Delta R.T. -0.017 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

Instrument :

BNA_P

ClientSampleId :

B-2(4-6)DL

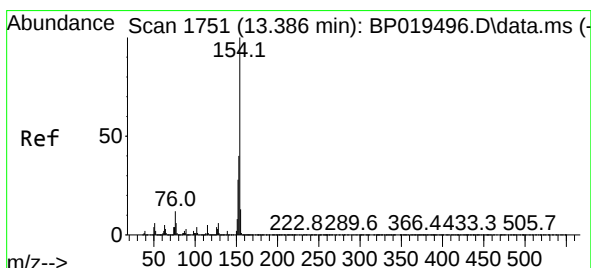
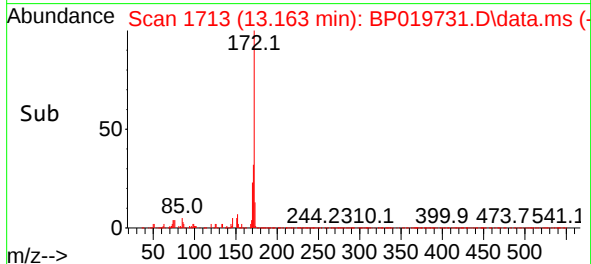
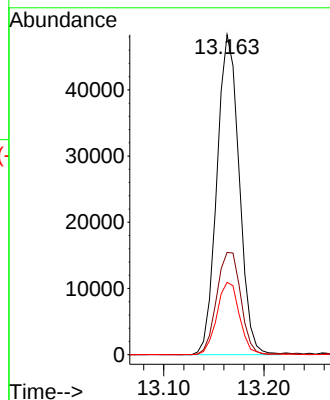
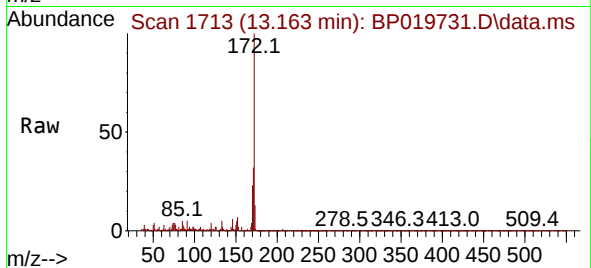
Tgt Ion:172 Resp: 74597

Ion Ratio Lower Upper

172 100

171 31.9 28.2 42.4

170 22.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.872 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019731.D

Acq: 15 Feb 2024 19:44

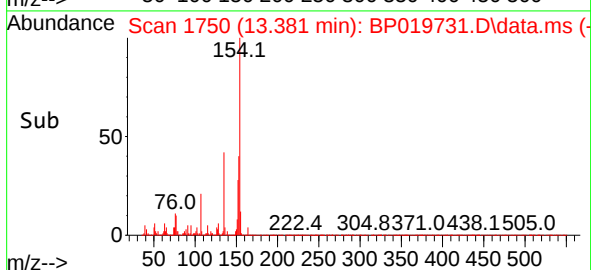
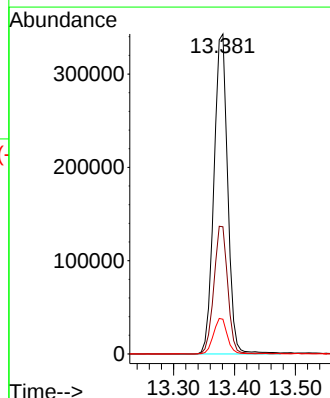
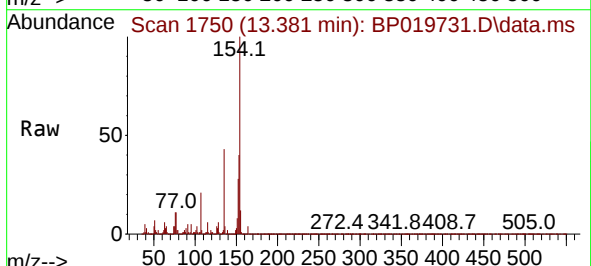
Tgt Ion:154 Resp: 538330

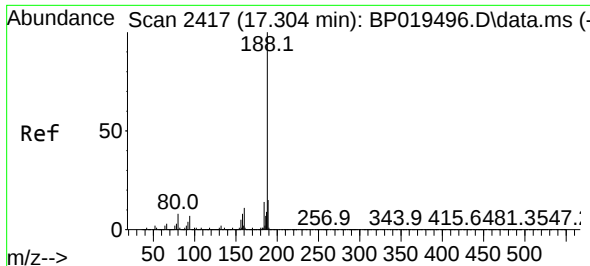
Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

76 10.9 0.0 31.6

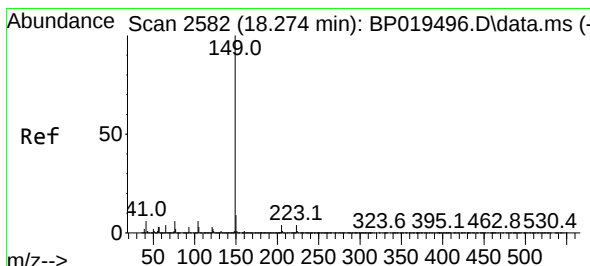
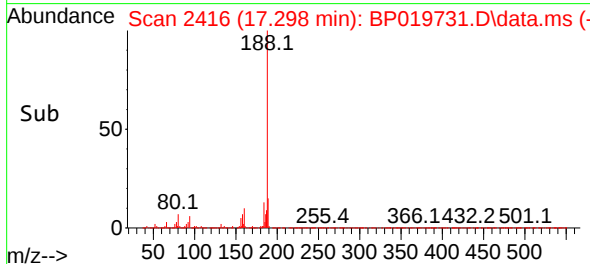
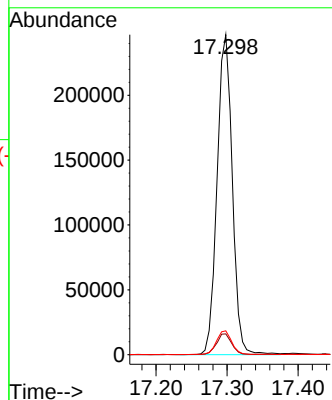
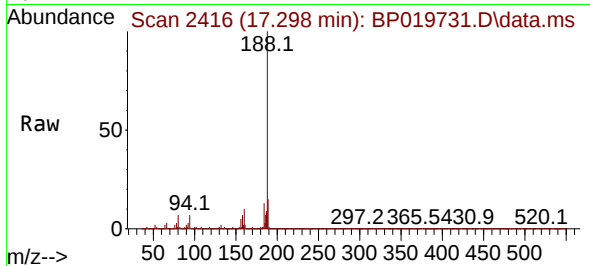




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

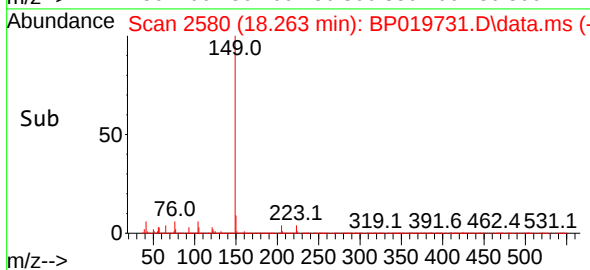
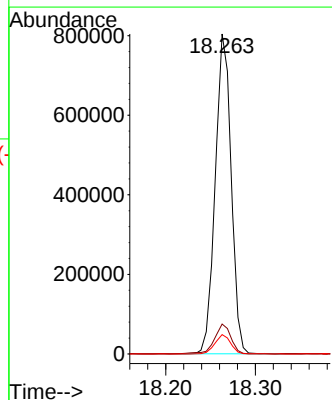
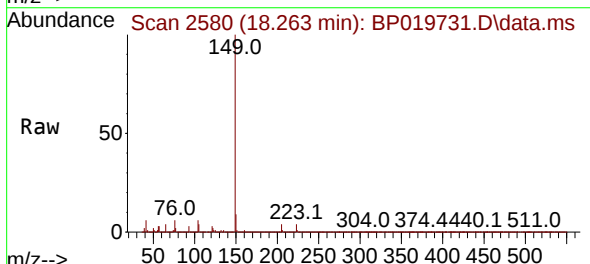
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

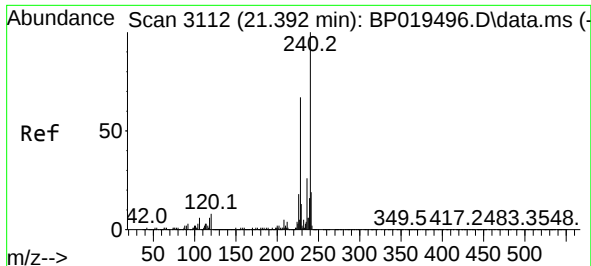
Tgt Ion:188 Resp: 365656
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.5 6.3 9.5



#74
Di-n-butylphthalate
Concen: 46.895 ng
RT: 18.263 min Scan# 2580
Delta R.T. -0.011 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:149 Resp: 988806
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.0 4.8 7.2

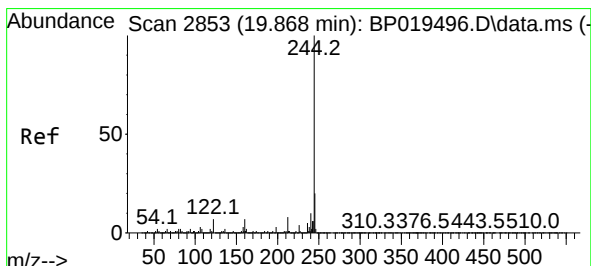
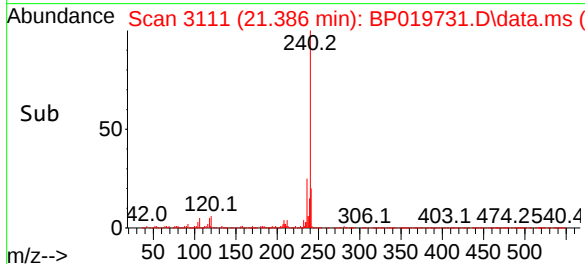
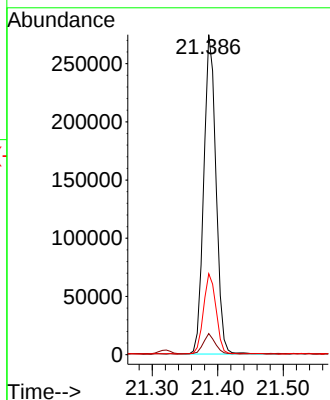
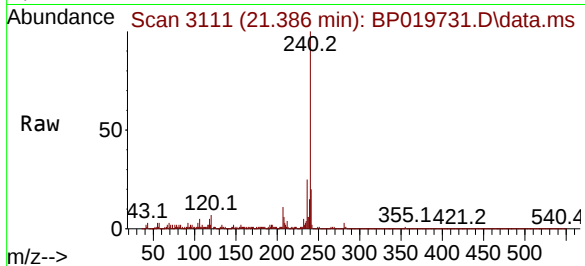




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

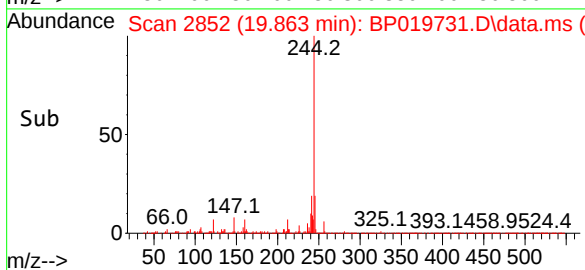
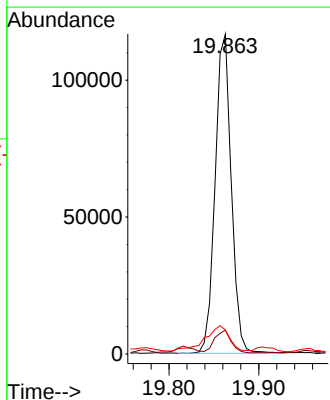
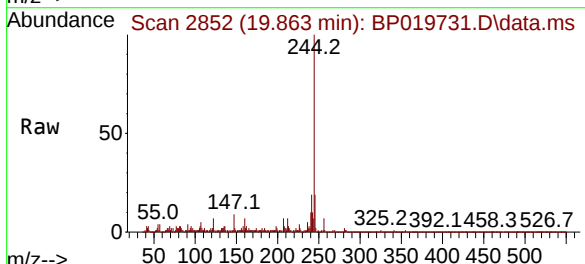
Instrument :
BNA_P
ClientSampleId :
B-2(4-6)DL

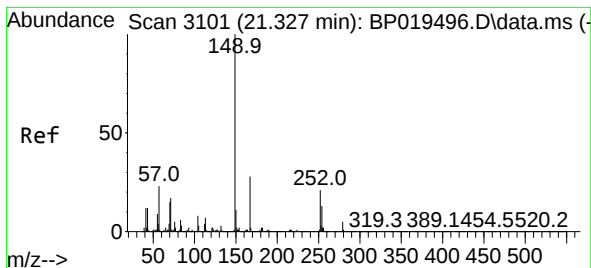
Tgt Ion:240 Resp: 356676
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 6.725 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019731.D
Acq: 15 Feb 2024 19:44

Tgt Ion:244 Resp: 145865
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 7.5 5.9 8.9



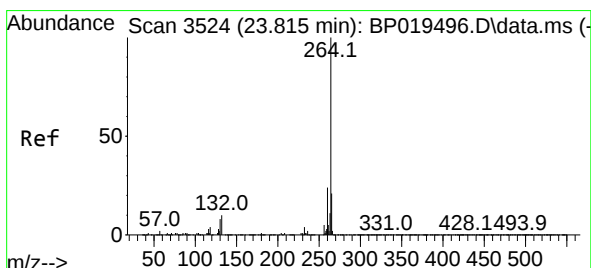
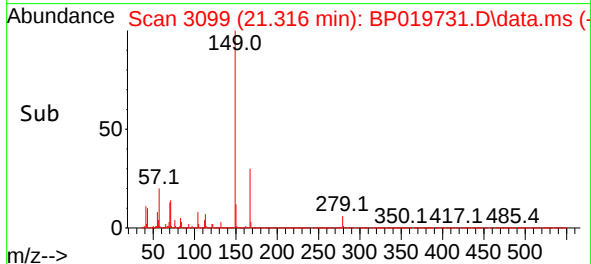
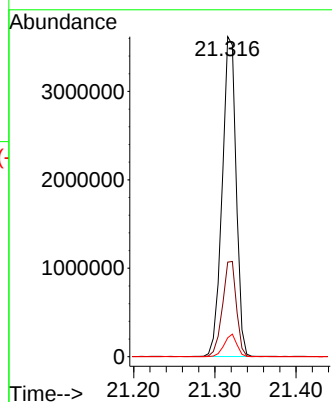
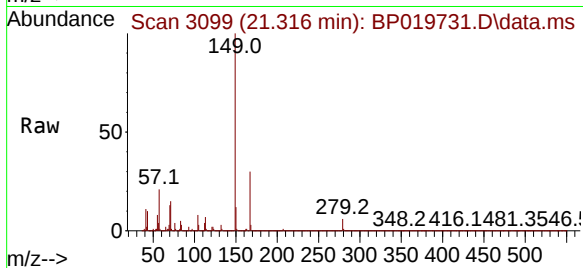


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 302.731 ng
 RT: 21.316 min Scan# 3099
 Delta R.T. -0.011 min
 Lab File: BP019731.D
 Acq: 15 Feb 2024 19:44

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-6)DL

Tgt Ion:149 Resp: 4333538

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.7	34.1
279	5.9	4.2	6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP019731.D
 Acq: 15 Feb 2024 19:44

Tgt Ion:264 Resp: 421771

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.0	25.4

