

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020522.D
 Acq On : 05 Jun 2024 18:17
 Operator : MA/JU
 Sample : P2701-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CON-PAD-1

Quant Time: Jun 05 18:46:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

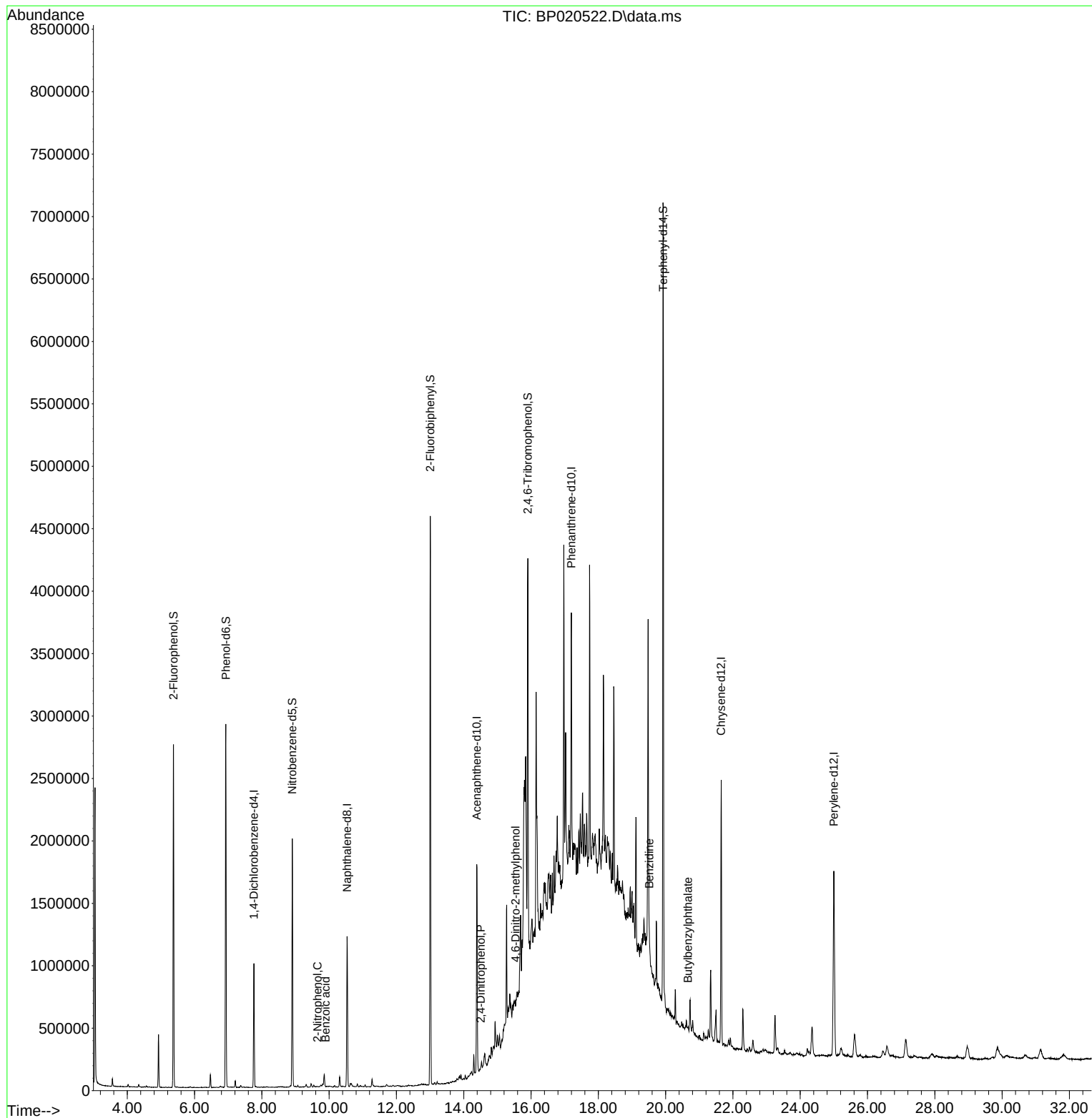
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	262738	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1033900	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	652839	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1261714	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1277265	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1494466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1176551	80.177	ng	0.00
7) Phenol-d6	6.928	99	1612197	77.904	ng	0.00
23) Nitrobenzene-d5	8.905	82	1049761	55.580	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	591906	87.364	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2467365	56.341	ng	0.00
79) Terphenyl-d14	19.928	244	3915451	51.032	ng	-0.02
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.652	139	76	3.800	ng	# 1
32) Benzoic acid	9.893	122	235	6.867	ng	# 87
54) 2,4-Dinitrophenol	14.504	184	102	5.004	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.540	198	72	7.664	ng	# 1
77) Benzidine	19.516	184	1266	5.995	ng	# 1
80) Butylbenzylphthalate	20.663	149	1583	2.470	ng	# 45

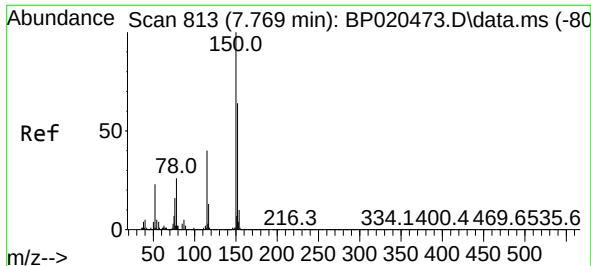
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Jun 05 18:46:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

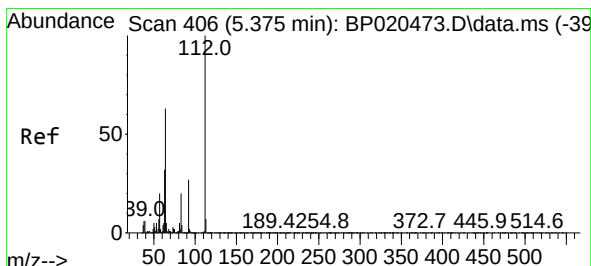
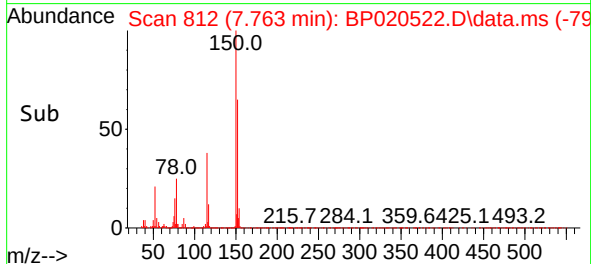
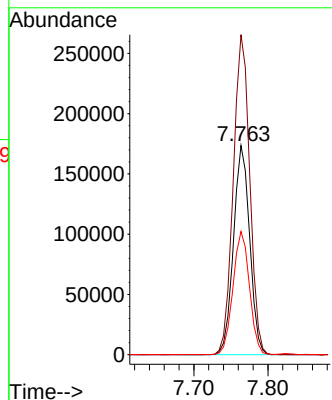
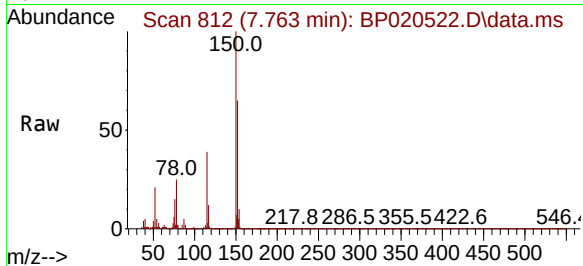




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

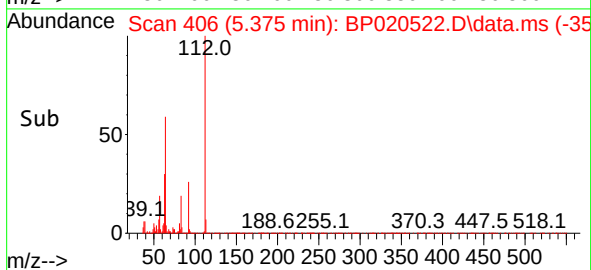
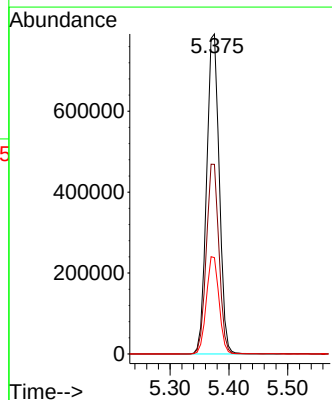
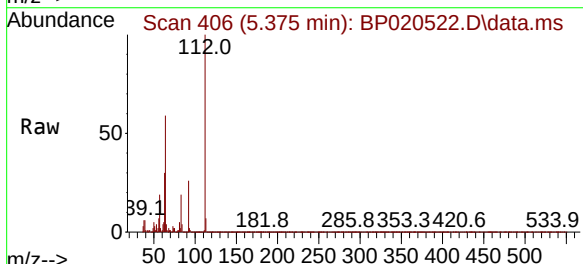
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

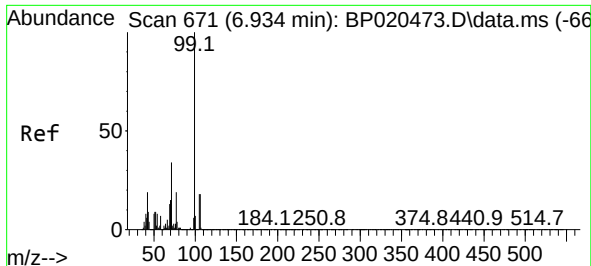
Tgt Ion:152 Resp: 262738
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.2
115 58.9 49.5 74.3



#5
2-Fluorophenol
Concen: 80.177 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:112 Resp: 1176551
Ion Ratio Lower Upper
112 100
64 59.2 50.1 75.1
63 30.1 25.7 38.5

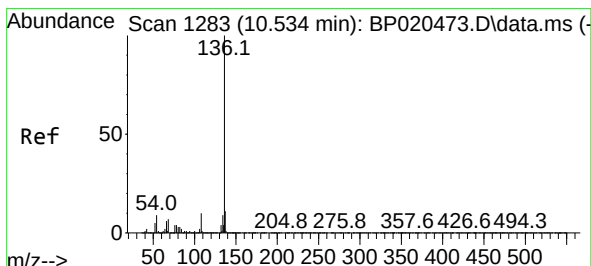
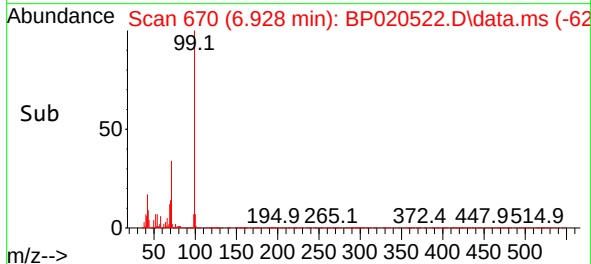
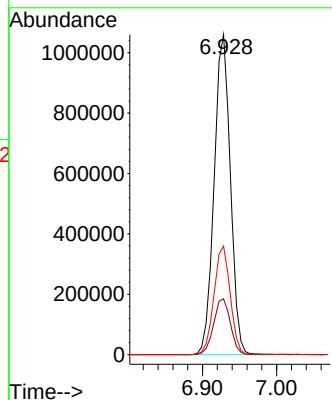
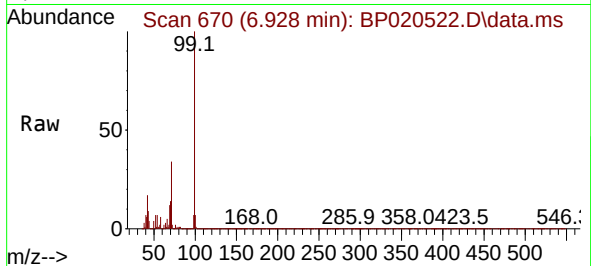




#7
Phenol-d6
Concen: 77.904 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

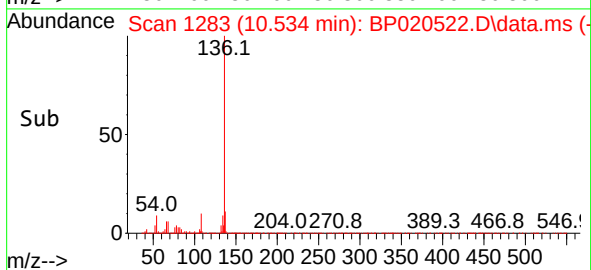
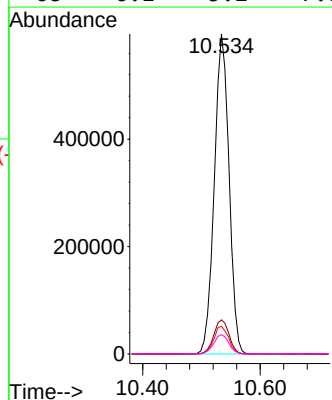
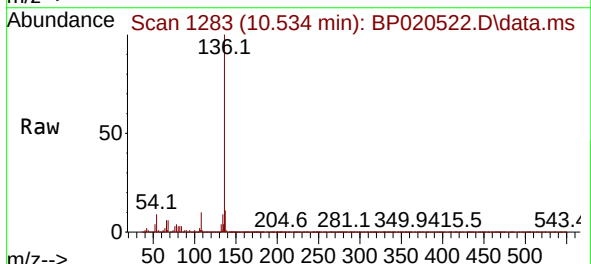
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

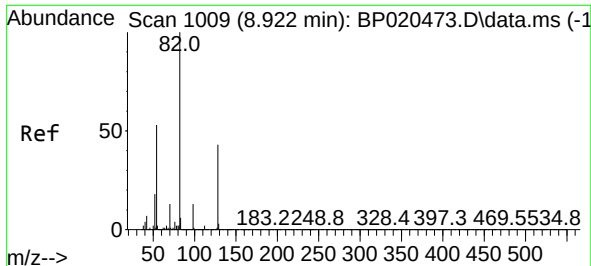
Tgt Ion: 99 Resp: 1612197
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:136 Resp: 1033900
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.6 7.4 11.0
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 55.580 ng

RT: 8.905 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BP020522.D

Acq: 05 Jun 2024 18:17

Instrument :

BNA_P

ClientSampleId :

CON-PAD-1

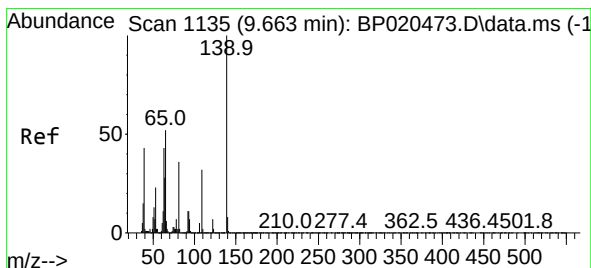
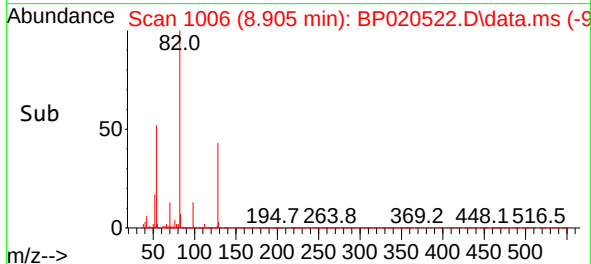
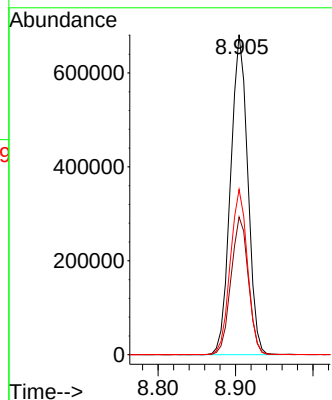
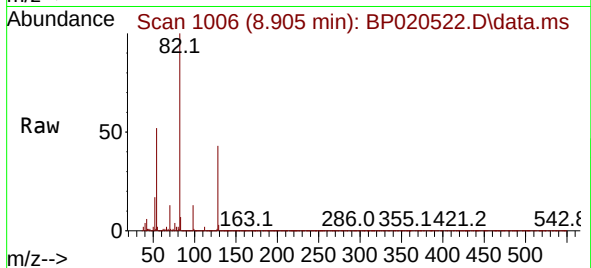
Tgt Ion: 82 Resp: 1049761

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.4

54 51.7 42.7 64.1



#26

2-Nitrophenol

Concen: 3.800 ng

RT: 9.652 min Scan# 1133

Delta R.T. -0.011 min

Lab File: BP020522.D

Acq: 05 Jun 2024 18:17

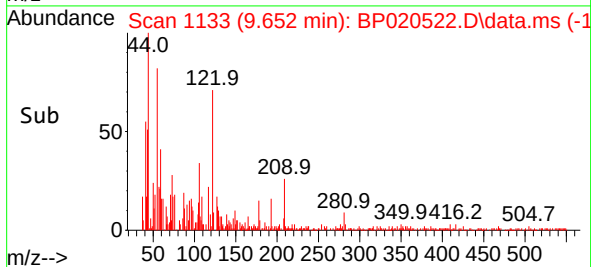
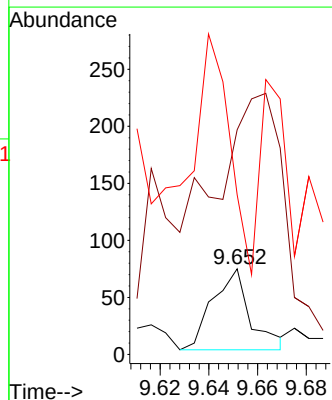
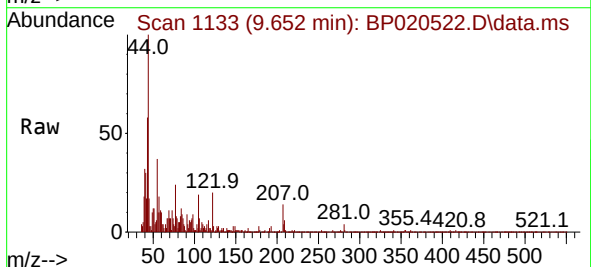
Tgt Ion:139 Resp: 76

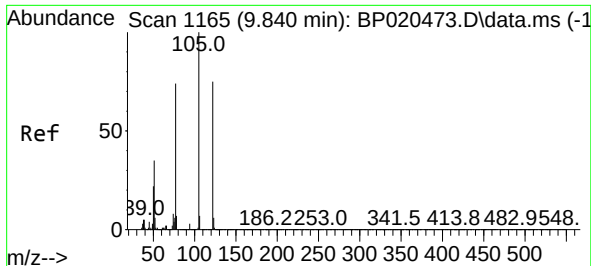
Ion Ratio Lower Upper

139 100

109 262.7 25.8 38.8#

65 301.3 41.8 62.8#

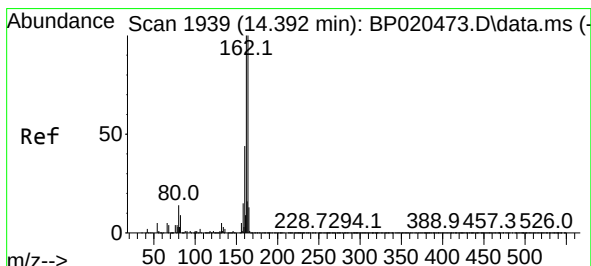
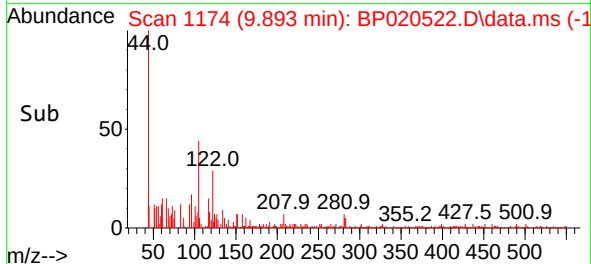
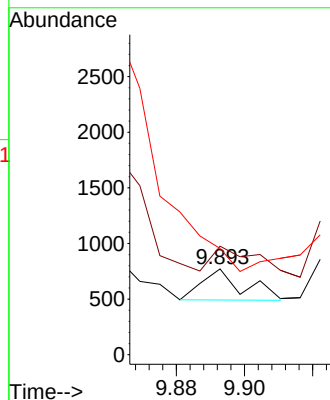
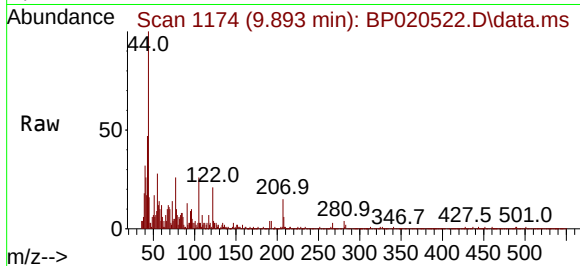




#32
Benzoic acid
Concen: 6.867 ng
RT: 9.893 min Scan# 1165
Delta R.T. 0.053 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

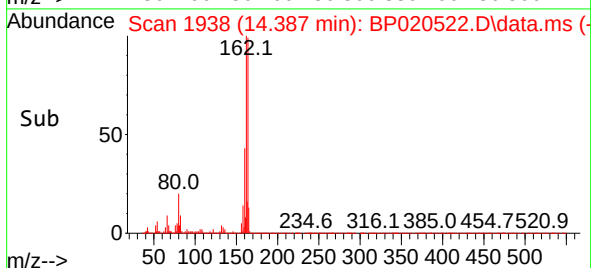
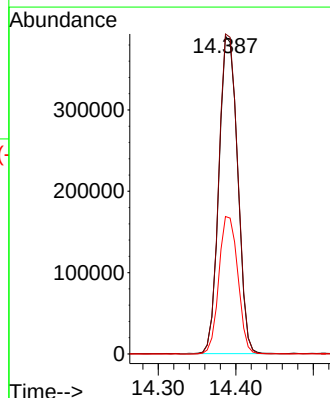
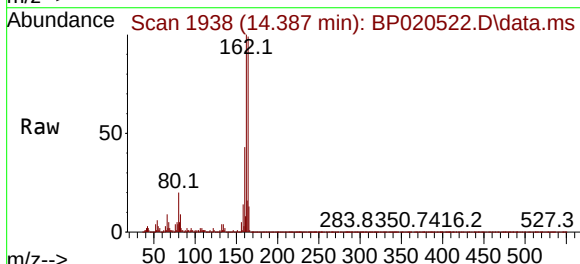
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

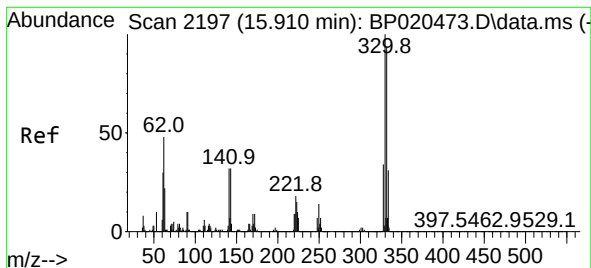
Tgt Ion:122 Resp: 235
Ion Ratio Lower Upper
122 100
105 126.6 107.5 147.5
77 123.9 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:164 Resp: 652839
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 87.364 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020522.D

Acq: 05 Jun 2024 18:17

Instrument :

BNA_P

ClientSampleId :

CON-PAD-1

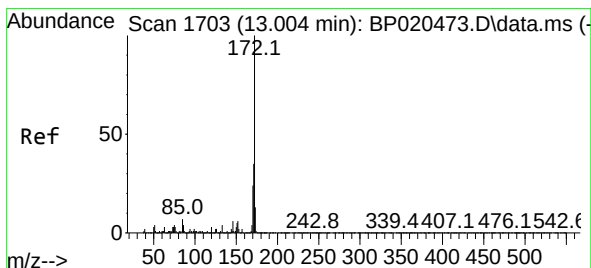
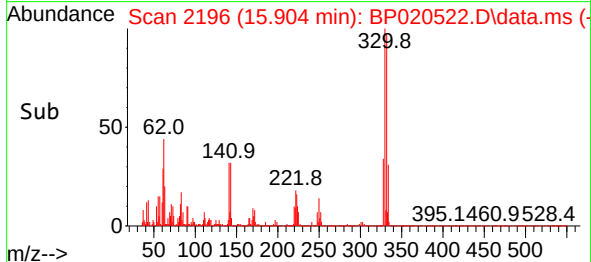
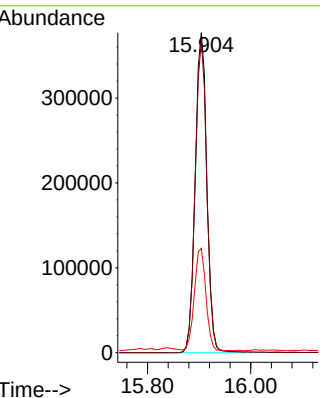
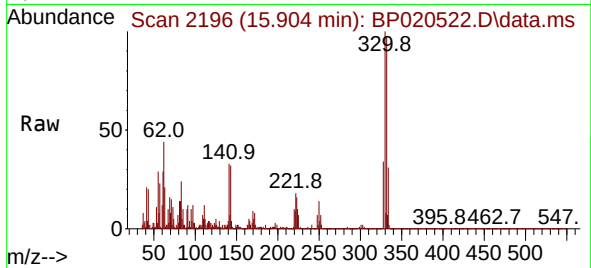
Tgt Ion:330 Resp: 591906

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

141 31.8 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 56.341 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020522.D

Acq: 05 Jun 2024 18:17

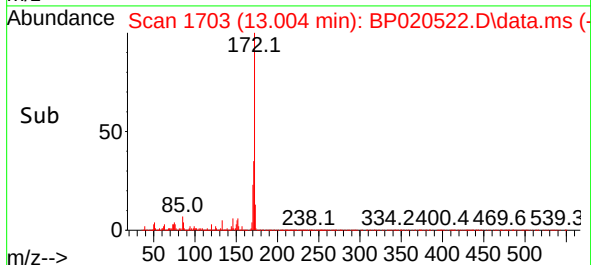
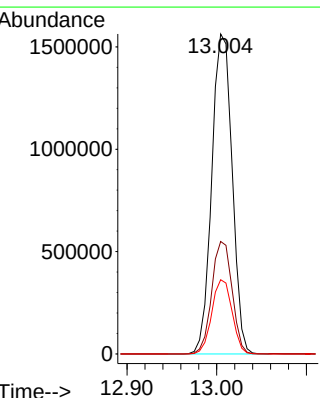
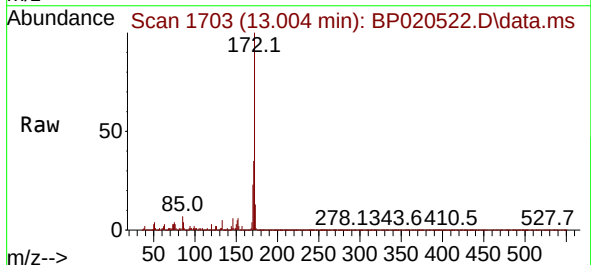
Tgt Ion:172 Resp: 2467365

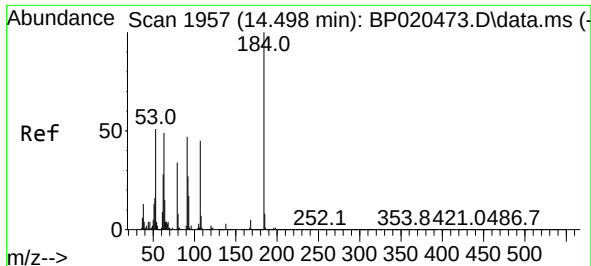
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 18.9 28.3

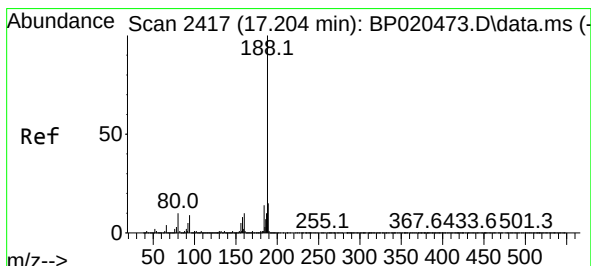
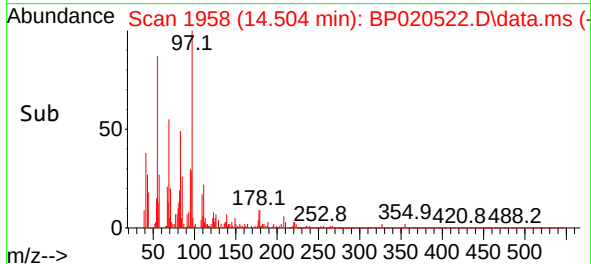
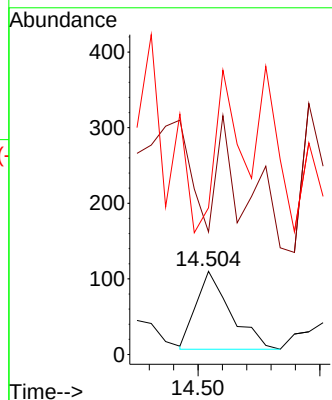
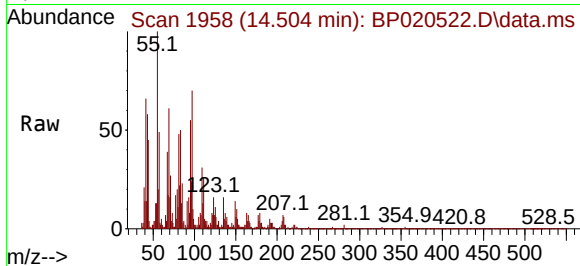




#54
2,4-Dinitrophenol
Concen: 5.004 ng
RT: 14.504 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

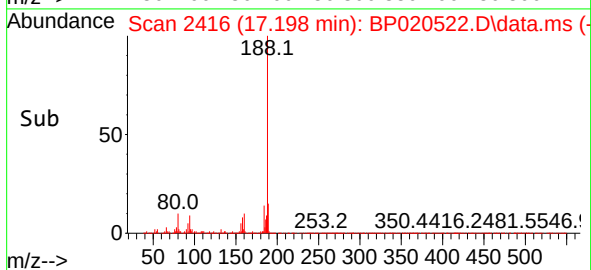
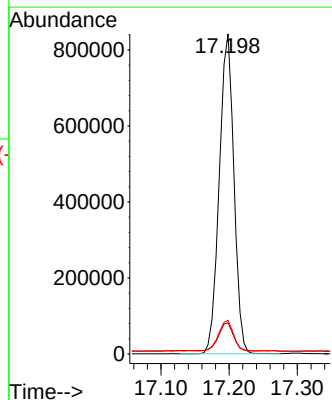
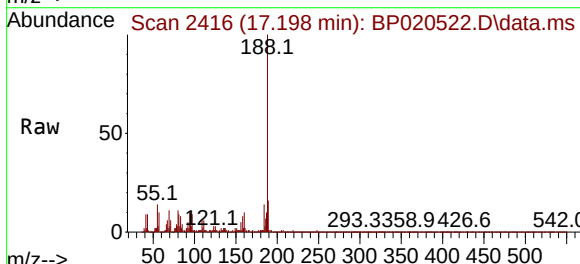
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

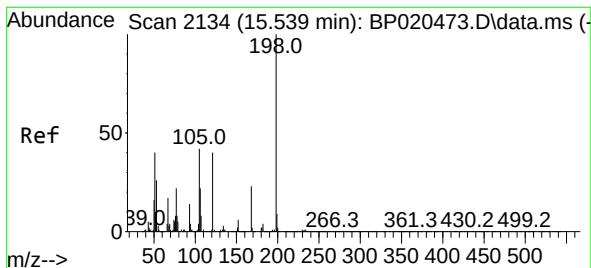
Tgt Ion:184 Resp: 102
Ion Ratio Lower Upper
184 100
63 147.3 54.2 81.4#
154 176.4 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:188 Resp: 1261714
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.5 8.1 12.1

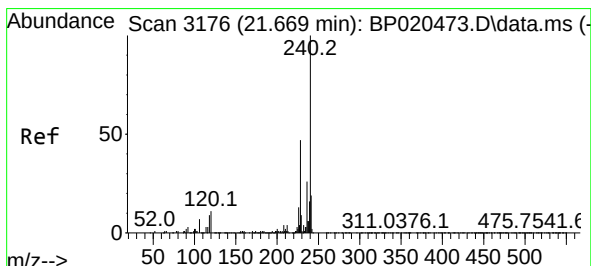
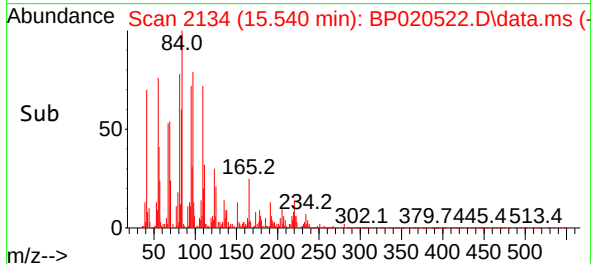
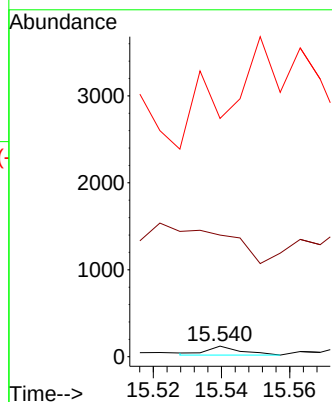
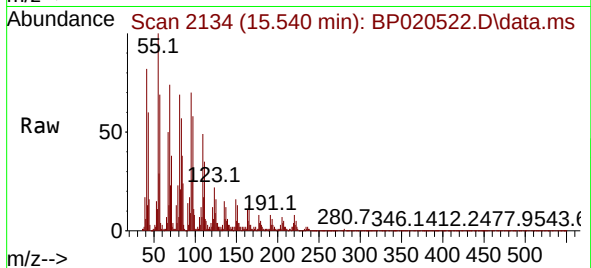




#65
4,6-Dinitro-2-methylphenol
Concen: 7.664 ng
RT: 15.540 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

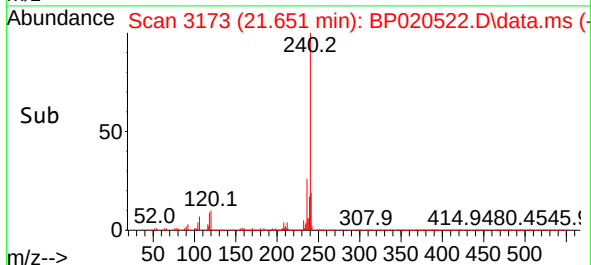
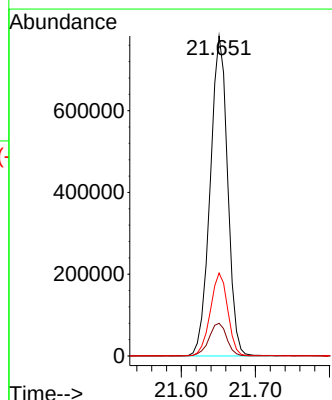
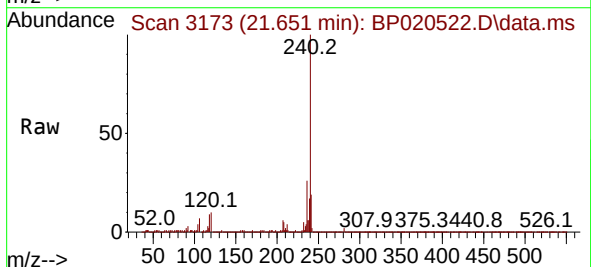
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

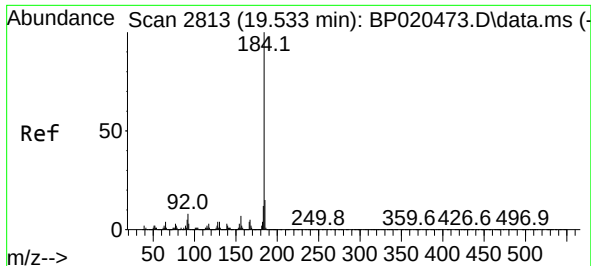
Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 1147.5 24.8 64.8#
105 2245.9 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:240 Resp: 1277265
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.9 20.5 30.7

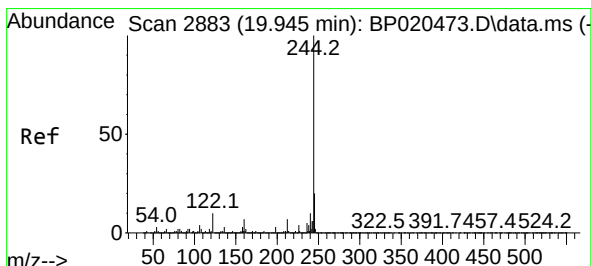
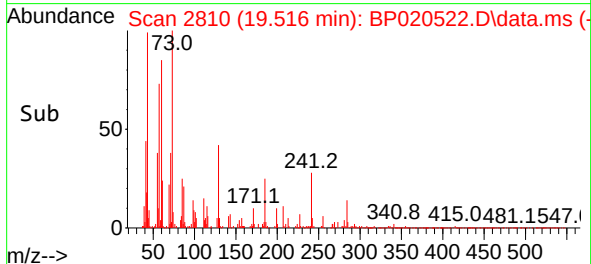
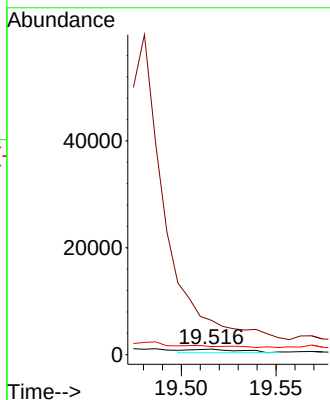
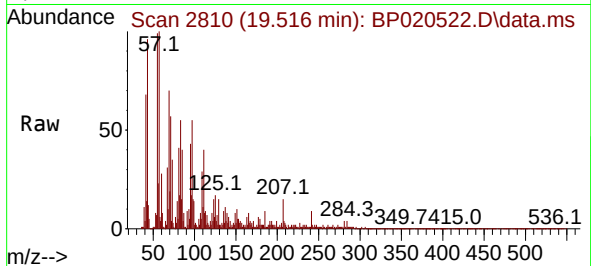




#77
Benzidine
Concen: 5.995 ng
RT: 19.516 min Scan# 2810
Delta R.T. -0.017 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

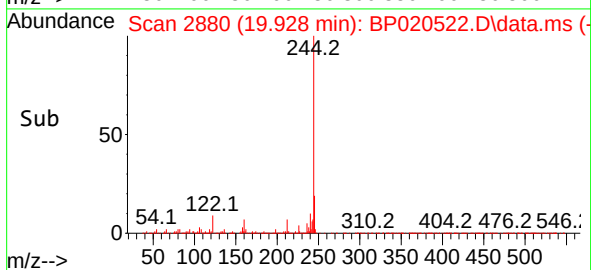
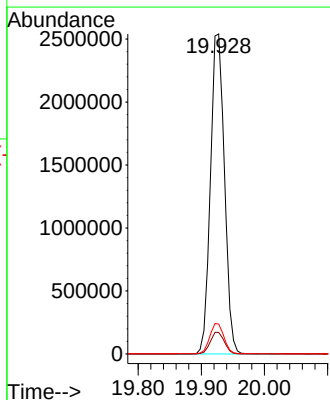
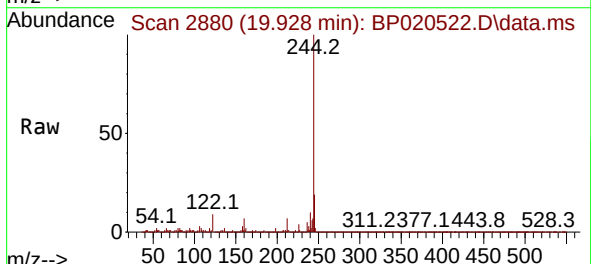
Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

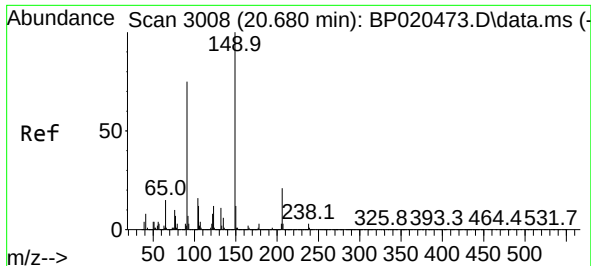
Tgt Ion:184 Resp: 1266
Ion Ratio Lower Upper
184 100
185 618.2 12.0 18.0#
183 147.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 51.032 ng
RT: 19.928 min Scan# 2880
Delta R.T. -0.017 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:244 Resp: 3915451
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.4 8.2 12.2

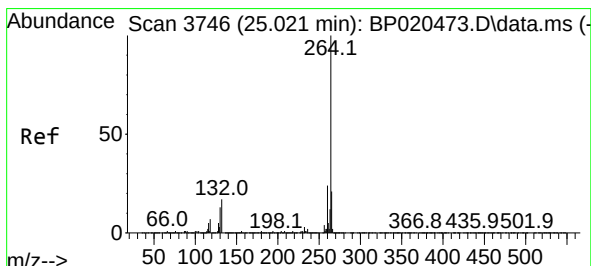
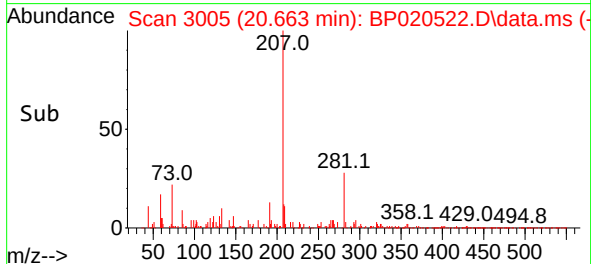
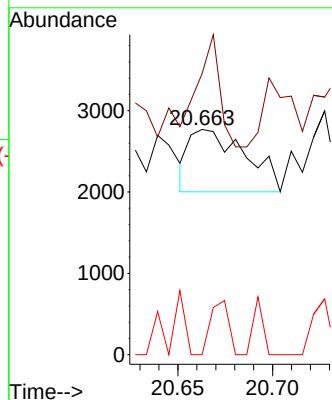
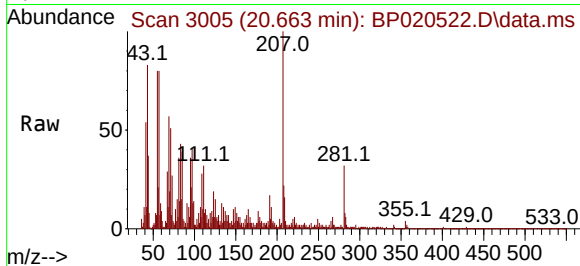




#80
Butylbenzylphthalate
Concen: 2.470 ng
RT: 20.663 min Scan# 3008
Delta R.T. -0.017 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Instrument :
BNA_P
ClientSampleId :
CON-PAD-1

Tgt Ion:149 Resp: 1583
Ion Ratio Lower Upper
149 100
91 124.8 60.0 90.0#
206 0.0 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3742
Delta R.T. -0.023 min
Lab File: BP020522.D
Acq: 05 Jun 2024 18:17

Tgt Ion:264 Resp: 1494466
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.4 17.4 26.0

