

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013443.D
 Acq On : 11 Jan 2023 14:46
 Operator : CG/JU
 Sample : 01089-05DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-3-010923

Quant Time: Jan 11 15:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 03:29:24 2022
 Response via : Initial Calibration

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

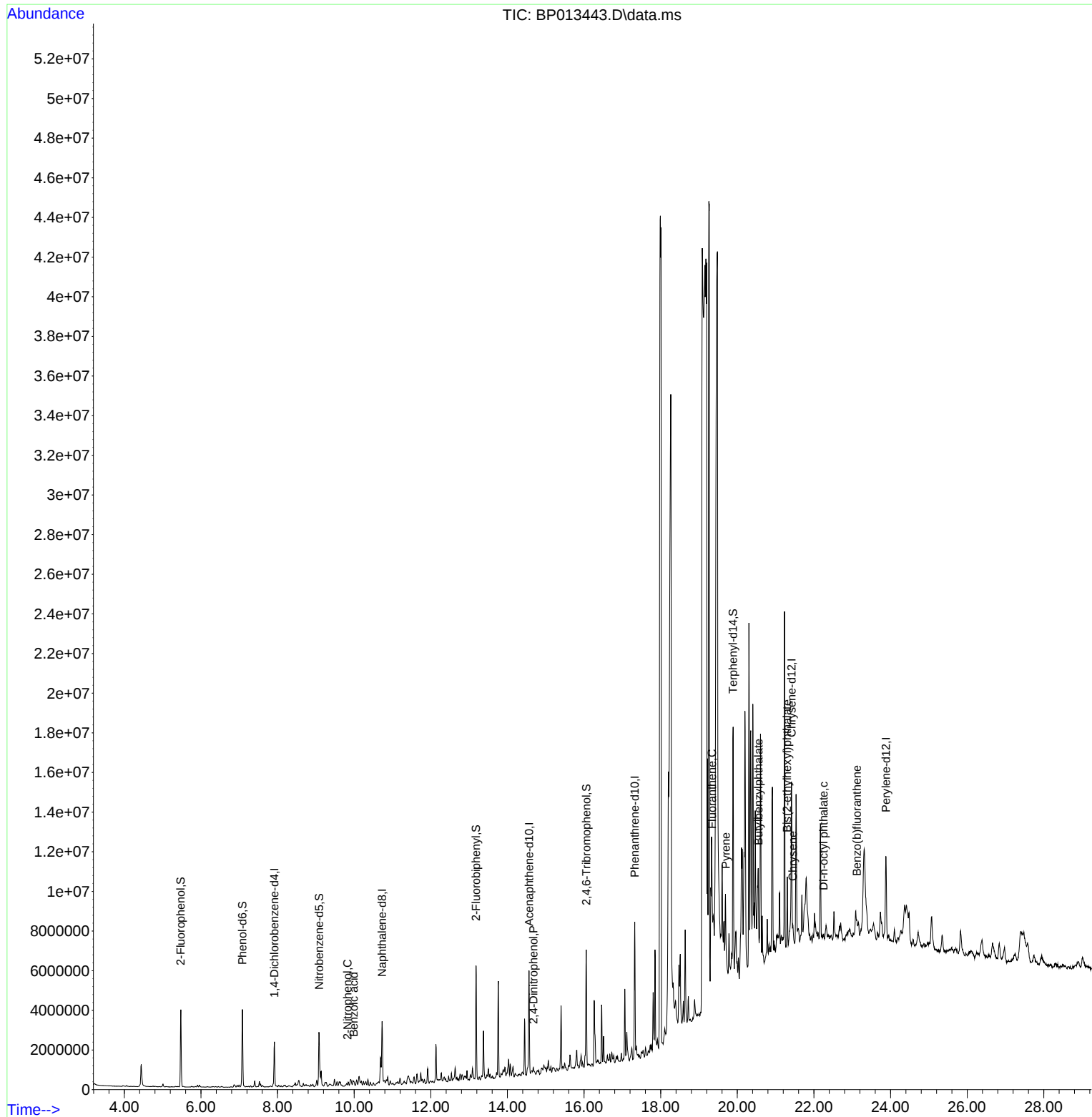
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	600654	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	2523328	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1712151	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	4046848	20.000	ng	0.01
76) Chrysene-d12	21.415	240	3545183	20.000	ng	0.02
86) Perylene-d12	23.880	264	3511170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1642265	49.956	ng	0.01
7) Phenol-d6	7.081	99	2116995	49.311	ng	0.00
23) Nitrobenzene-d5	9.087	82	1177299	25.578	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1165788	56.473	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2940434	23.318	ng	0.00
79) Terphenyl-d14	19.886	244	5542776	30.845	ng	0.03
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	1466	2.846	ng	# 1
32) Benzoic acid	9.987	122	2103	4.442	ng	# 1
54) 2,4-Dinitrophenol	14.680	184	1197	3.665	ng	# 1
75) Fluoranthene	19.339	202	695149	2.805	ng	89
78) Pyrene	19.698	202	695375	2.730	ng	# 95
80) Butylbenzylphthalate	20.551	149	64250	2.767	ng	# 11
83) Chrysene	21.451	228	531142	2.247	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.304	149	1111101	11.115	ng	99
85) Di-n-octyl phthalate	22.251	149	59519	2.473	ng	# 77
88) Benzo(b)fluoranthene	23.121	252	456301	2.018	ng	# 60

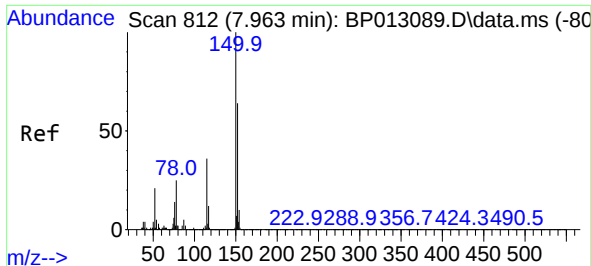
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013443.D
Acq On : 11 Jan 2023 14:46
Operator : CG/JU
Sample : 01089-05DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-3-010923

Quant Time: Jan 11 15:10:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 03:29:24 2022
Response via : Initial Calibration

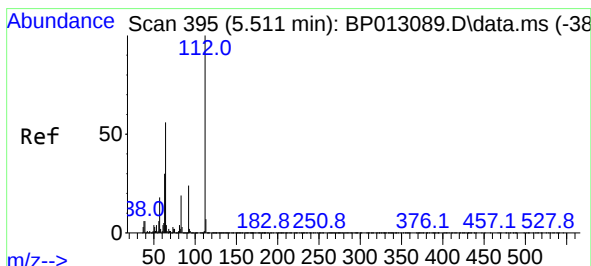
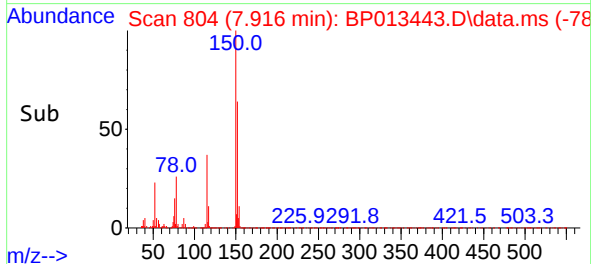
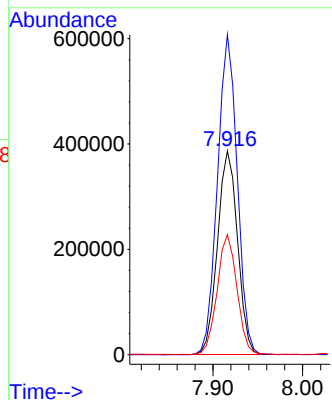
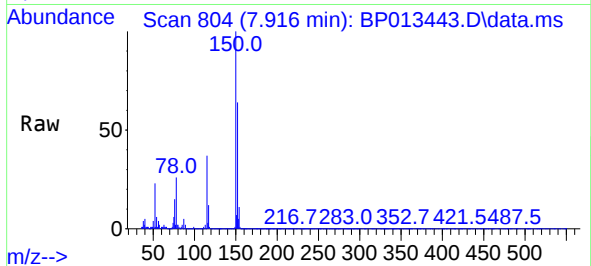




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

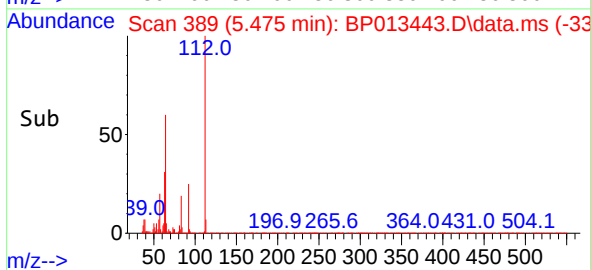
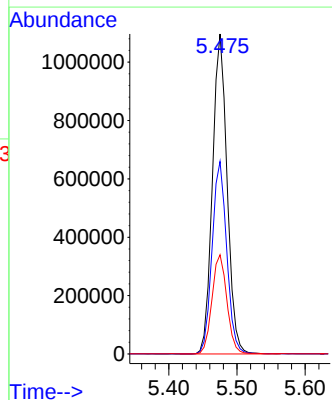
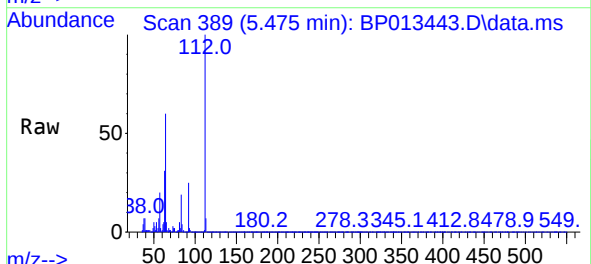
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

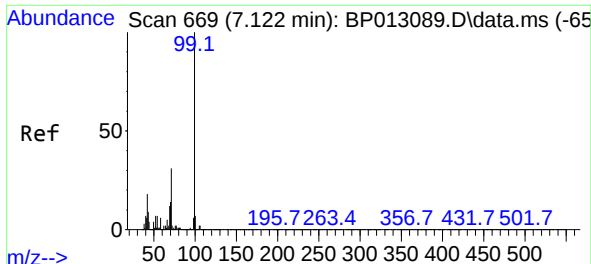
Tgt Ion:152 Resp: 600654
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 58.9 45.6 68.4



#5
2-Fluorophenol
Concen: 49.956 ng
RT: 5.475 min Scan# 389
Delta R.T. 0.014 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:112 Resp: 1642265
Ion Ratio Lower Upper
112 100
64 60.1 45.1 67.7
63 31.0 23.8 35.6



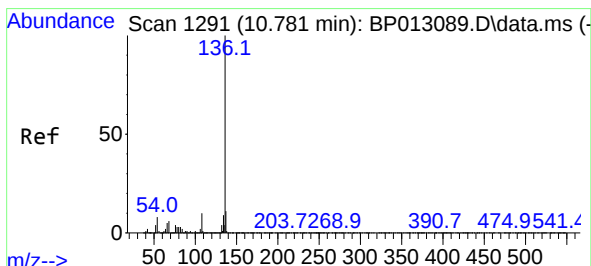
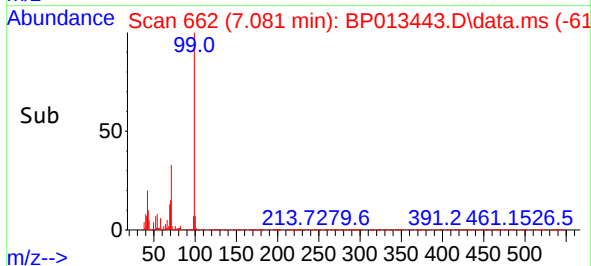
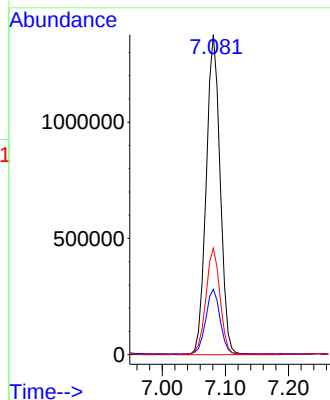
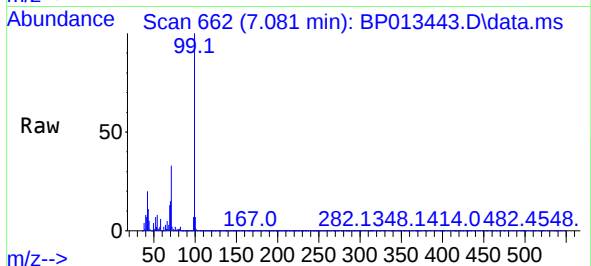


#7
Phenol-d6
Concen: 49.311 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.009 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Instrument :
BNA_P
ClientSampleId :
PL-3-010923

Tgt Ion: 99 Resp: 2116995

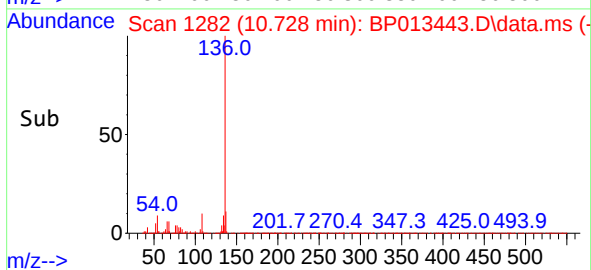
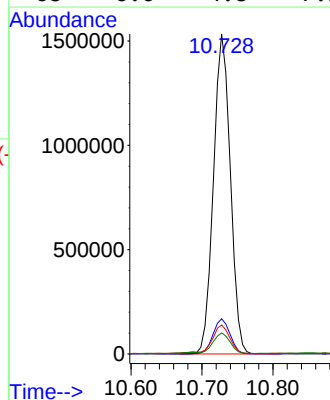
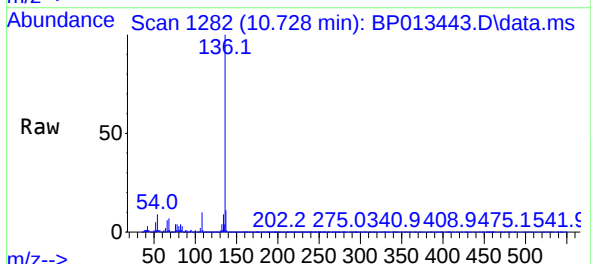
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.2	21.4
71	33.3	24.7	37.1

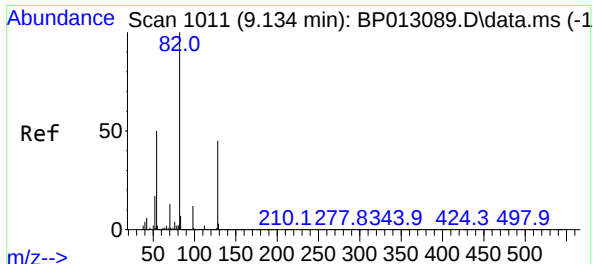


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion: 136 Resp: 2523328

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.0	6.2	9.4
68	6.6	4.8	7.2





#23

Nitrobenzene-d5

Concen: 25.578 ng

RT: 9.087 min Scan# 1011

Delta R.T. 0.003 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

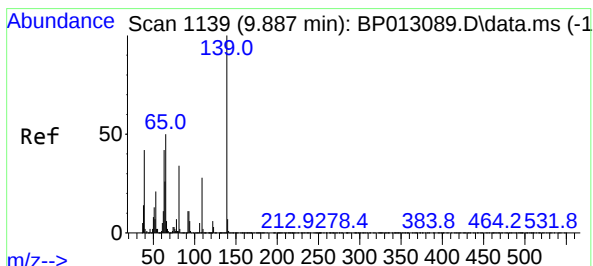
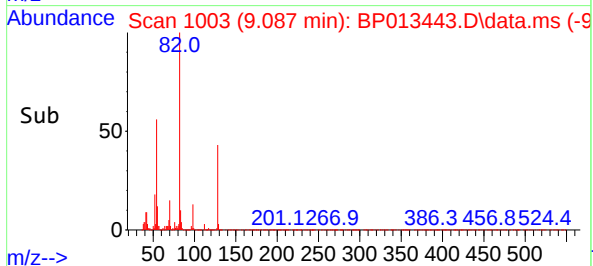
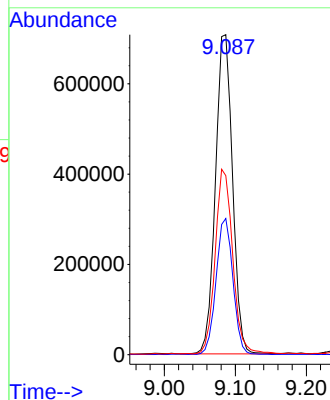
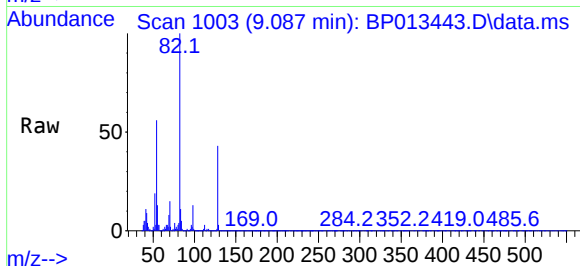
Tgt Ion: 82 Resp: 1177299

Ion Ratio Lower Upper

82 100

128 42.5 35.9 53.9

54 55.9 40.4 60.6



#26

2-Nitrophenol

Concen: 2.846 ng

RT: 9.828 min Scan# 1129

Delta R.T. -0.009 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

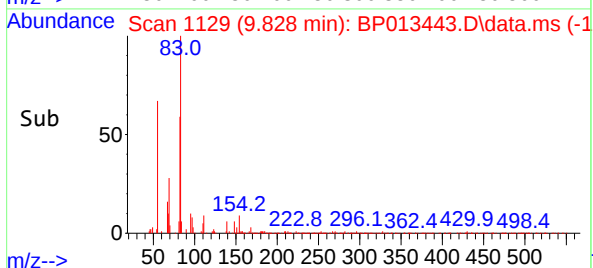
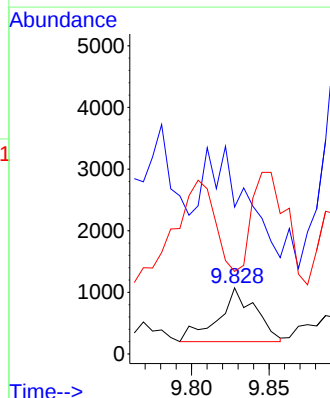
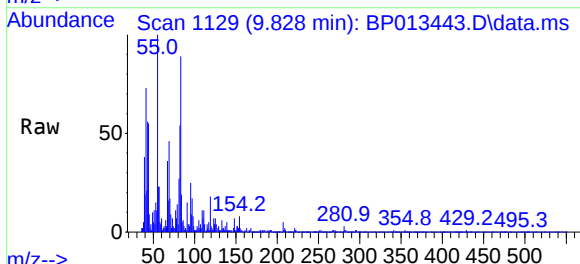
Tgt Ion:139 Resp: 1466

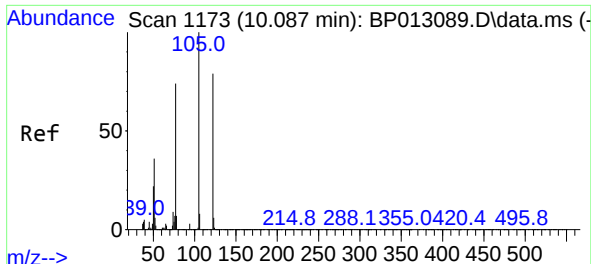
Ion Ratio Lower Upper

139 100

109 222.1 22.5 33.7#

65 125.0 39.9 59.9#

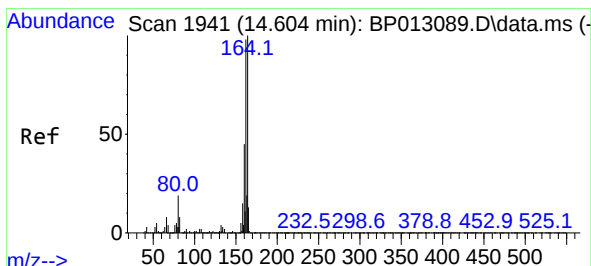
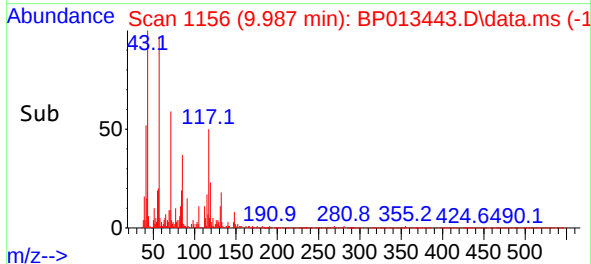
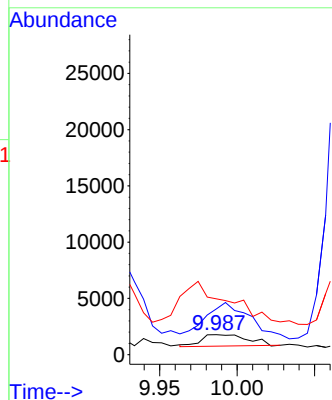
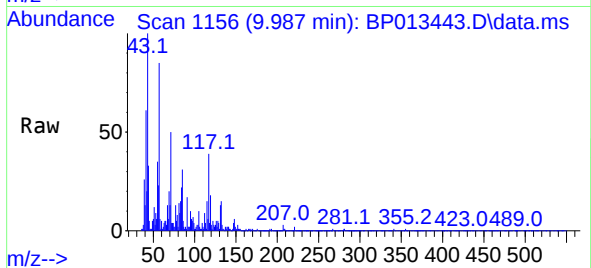




#32
Benzoic acid
Concen: 4.442 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.050 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

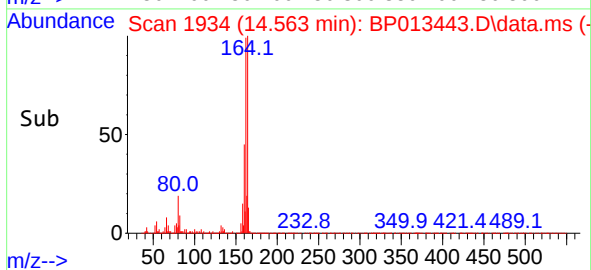
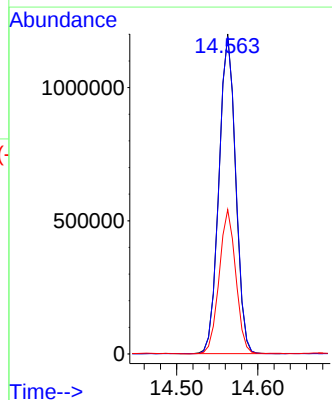
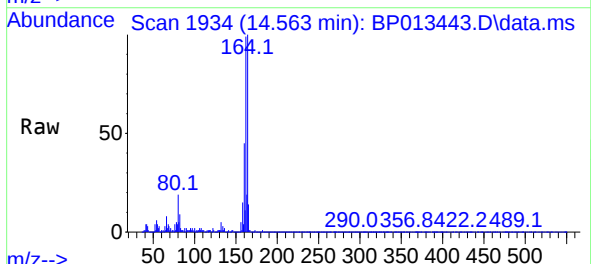
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

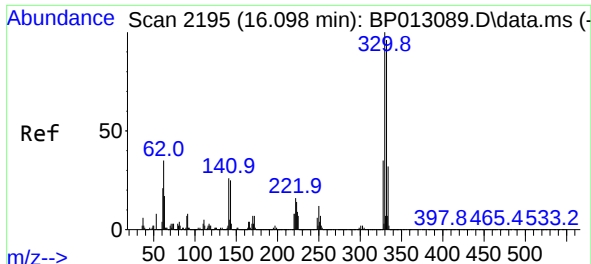
Tgt Ion:122 Resp: 2103
Ion Ratio Lower Upper
122 100
105 228.7 101.9 141.9#
77 279.0 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. 0.009 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:164 Resp: 1712151
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 45.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 56.473 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.009 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

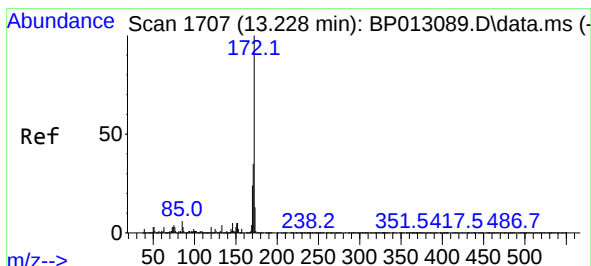
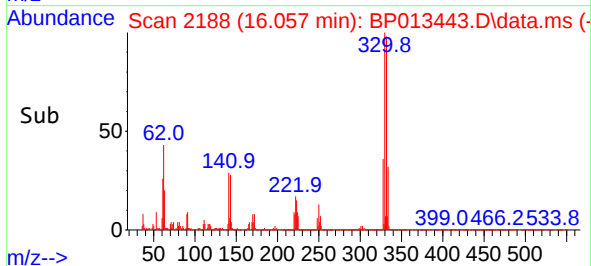
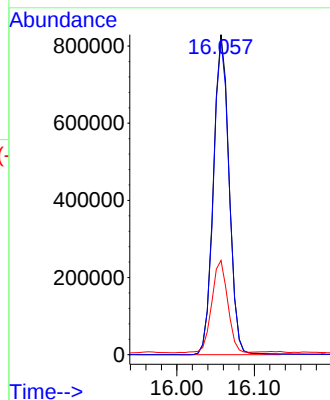
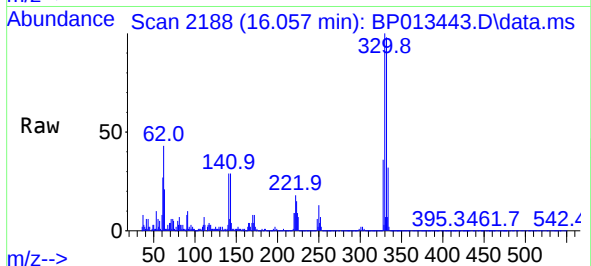
Tgt Ion:330 Resp: 1165788

Ion Ratio Lower Upper

330 100

332 98.6 77.5 116.3

141 29.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 23.318 ng

RT: 13.181 min Scan# 1699

Delta R.T. 0.002 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

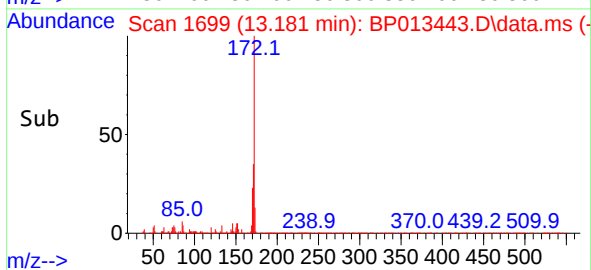
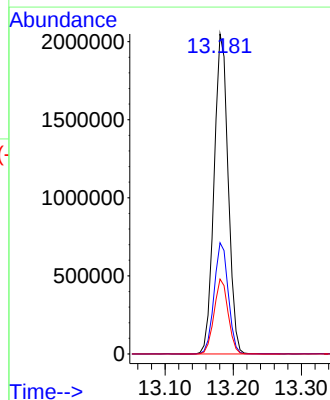
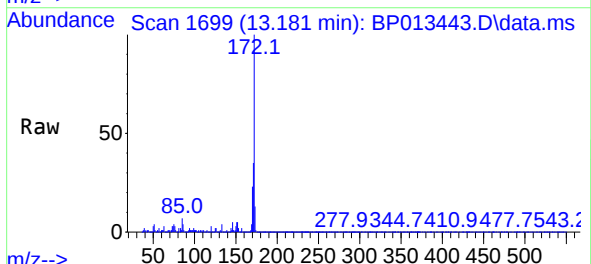
Tgt Ion:172 Resp: 2940434

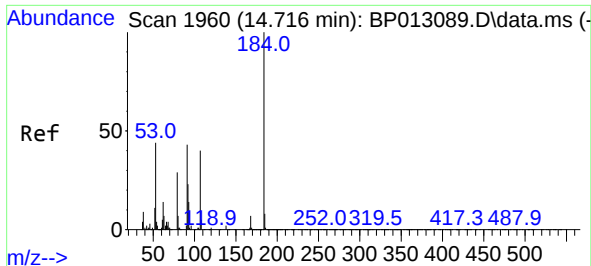
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.2 28.8

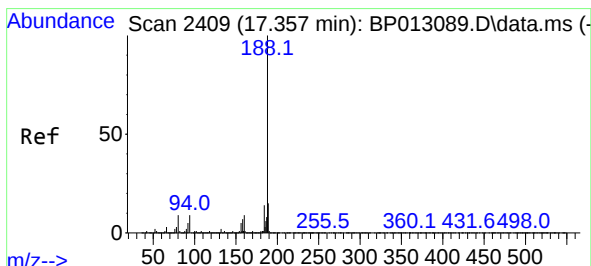
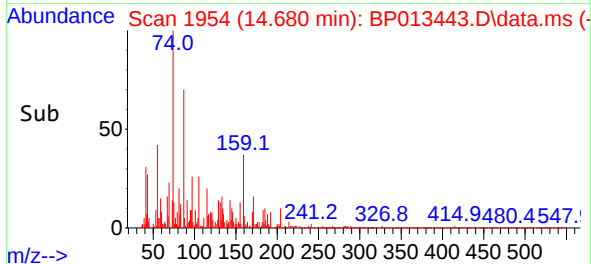
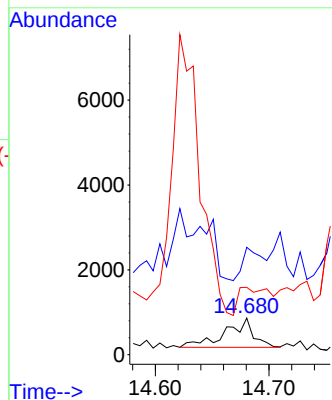
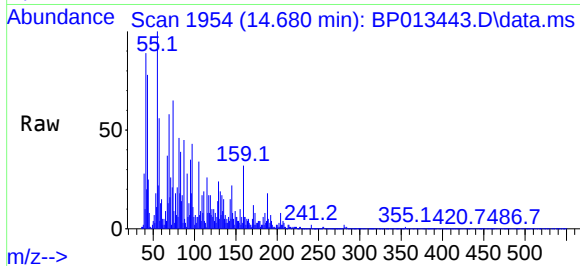




#54
2,4-Dinitrophenol
Concen: 3.665 ng
RT: 14.680 min Scan# 1954
Delta R.T. 0.014 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

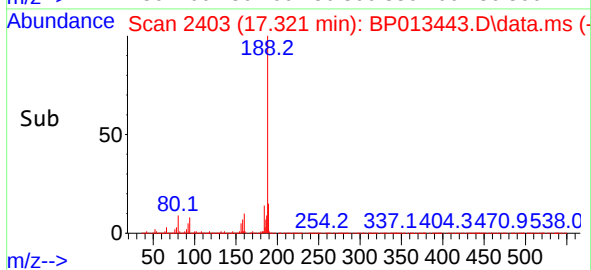
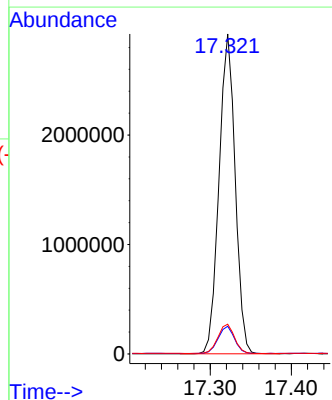
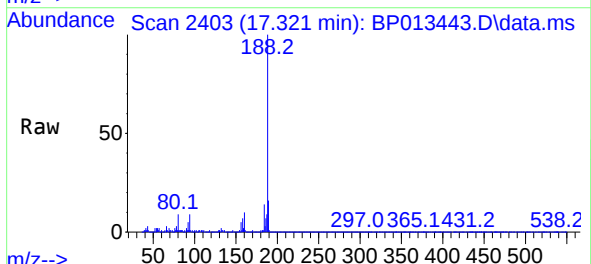
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

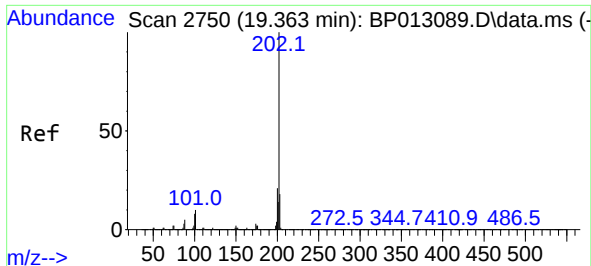
Tgt Ion:184 Resp: 1197
Ion Ratio Lower Upper
184 100
63 292.4 47.6 71.4#
154 183.6 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.014 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

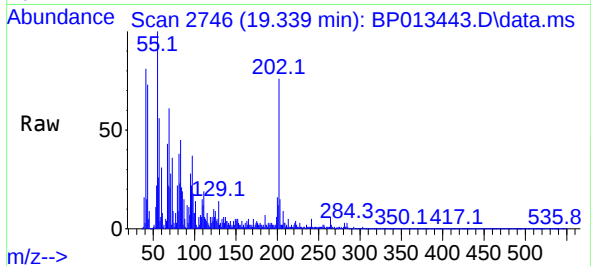
Tgt Ion:188 Resp: 4046848
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.3 7.5 11.3



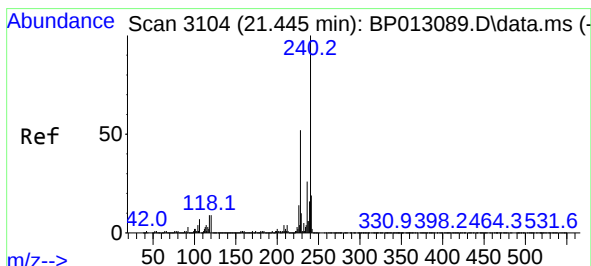
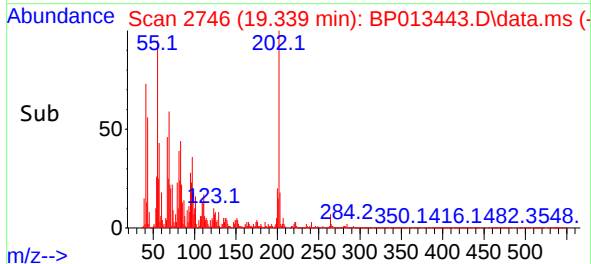
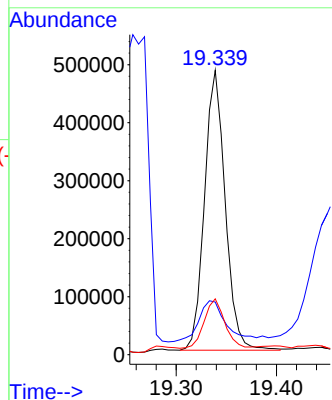


#75
Fluoranthene
Concen: 2.805 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.026 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Instrument :
BNA_P
ClientSampleId :
PL-3-010923

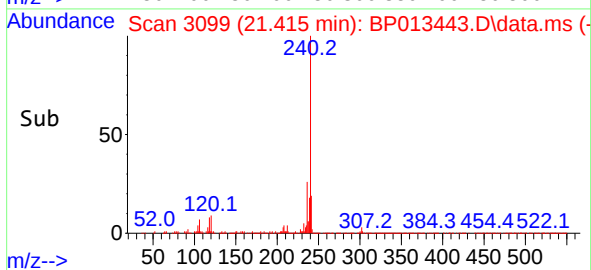
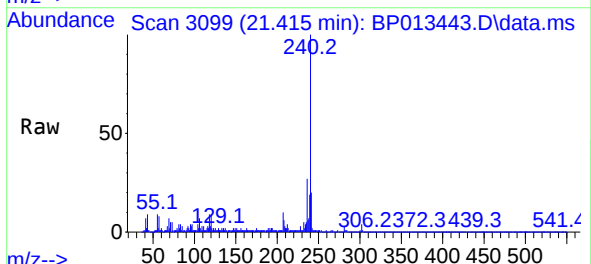
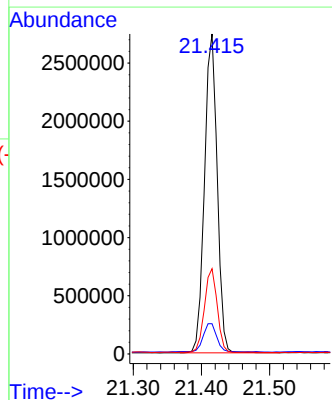


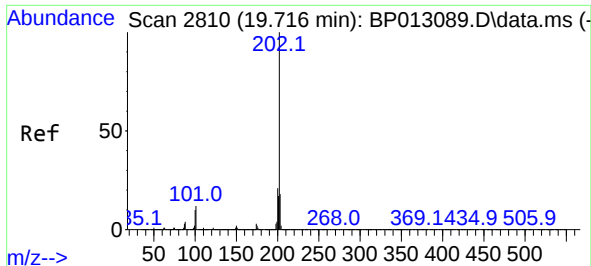
Tgt Ion:202 Resp: 695149
Ion Ratio Lower Upper
202 100
101 18.5 0.0 30.0
203 19.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.020 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:240 Resp: 3545183
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.7 21.0 31.4

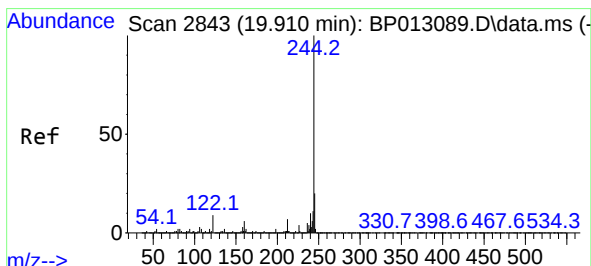
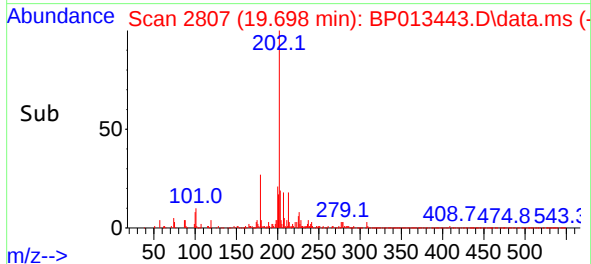
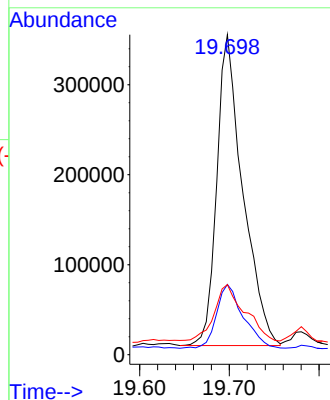
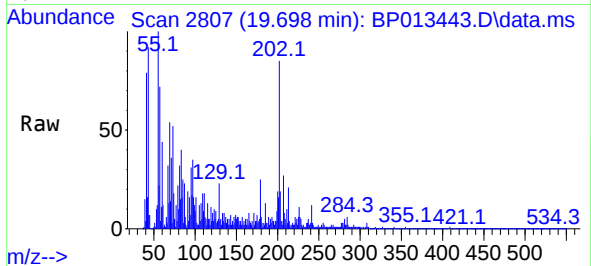




#78
Pyrene
Concen: 2.730 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.032 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

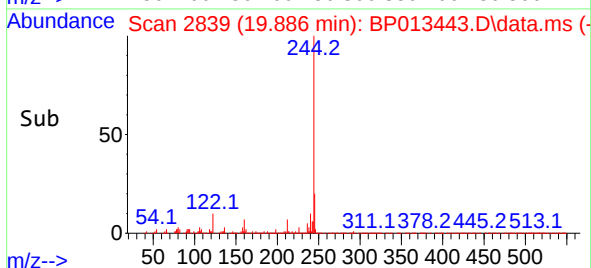
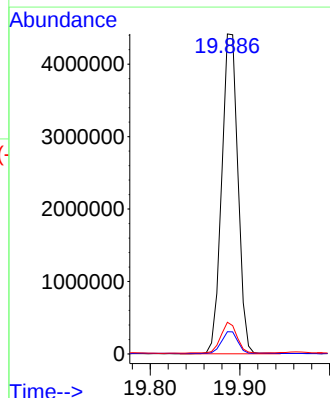
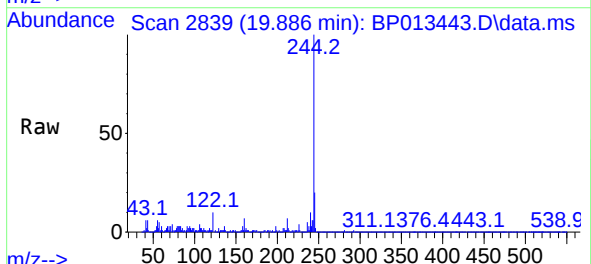
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

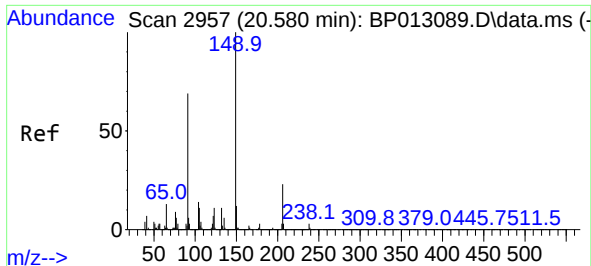
Tgt Ion:202 Resp: 695375
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 21.9 14.2 21.2#



#79
Terphenyl-d14
Concen: 30.845 ng
RT: 19.886 min Scan# 2839
Delta R.T. 0.026 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:244 Resp: 5542776
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.9 7.2 10.8

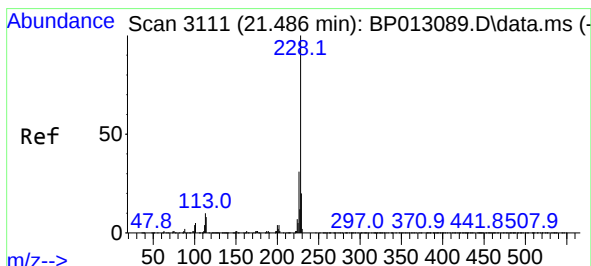
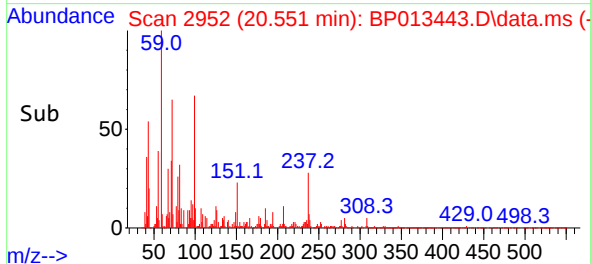
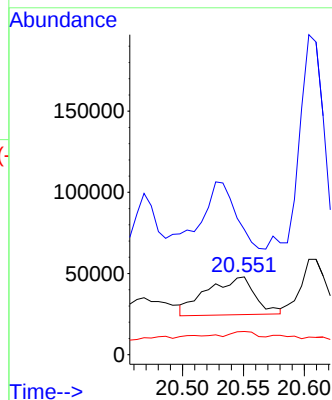
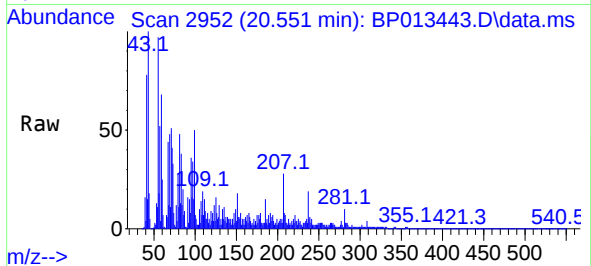




#80
Butylbenzylphthalate
Concen: 2.767 ng
RT: 20.551 min Scan# 2957
Delta R.T. 0.021 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

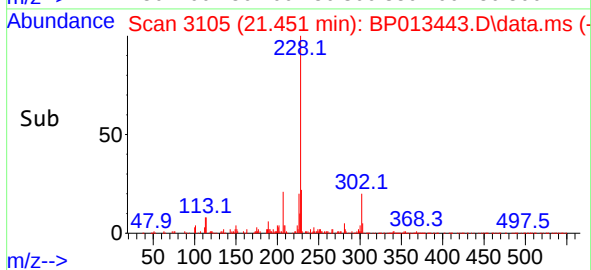
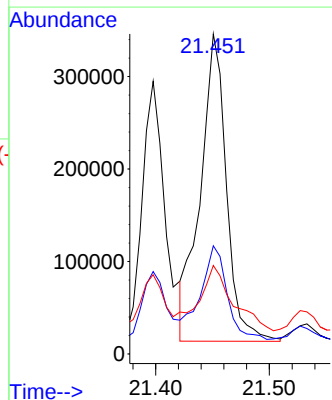
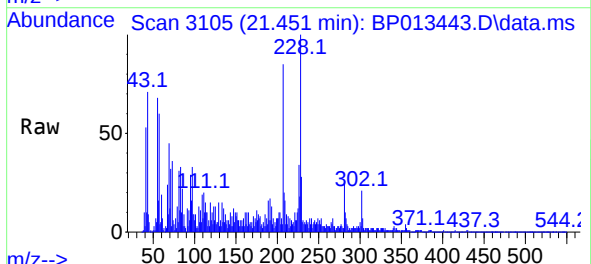
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

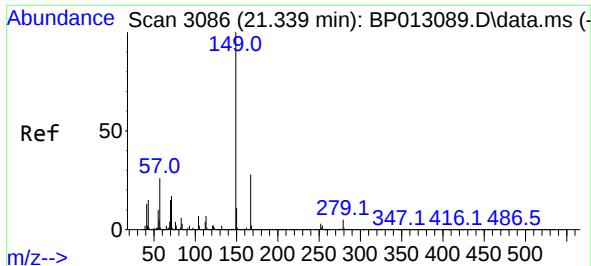
Tgt Ion:149 Resp: 64250
Ion Ratio Lower Upper
149 100
91 161.1 55.2 82.8#
206 30.0 18.3 27.5#



#83
Chrysene
Concen: 2.247 ng
RT: 21.451 min Scan# 3105
Delta R.T. 0.014 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:228 Resp: 531142
Ion Ratio Lower Upper
228 100
226 33.8 24.3 36.5
229 27.7 16.0 24.0#

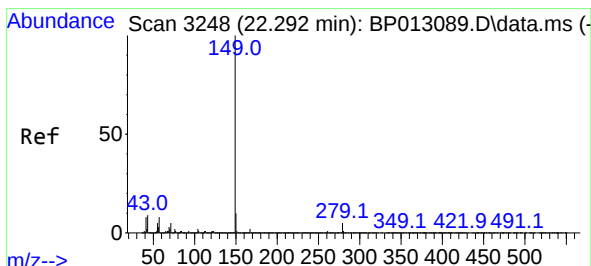
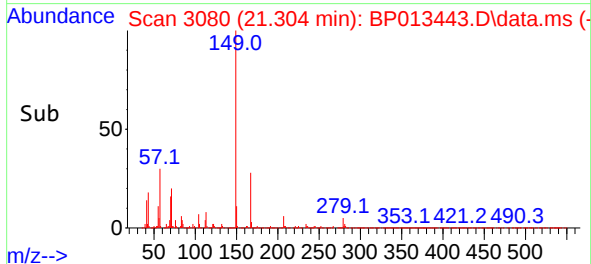
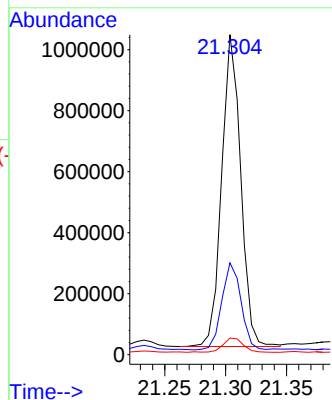
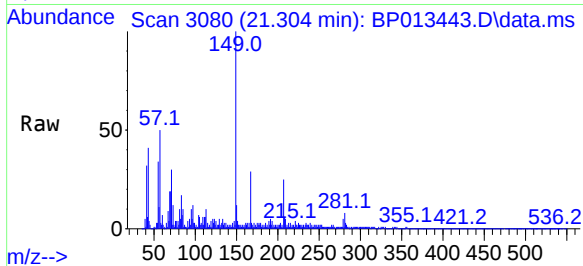




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.115 ng
RT: 21.304 min Scan# 3086
Delta R.T. 0.015 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

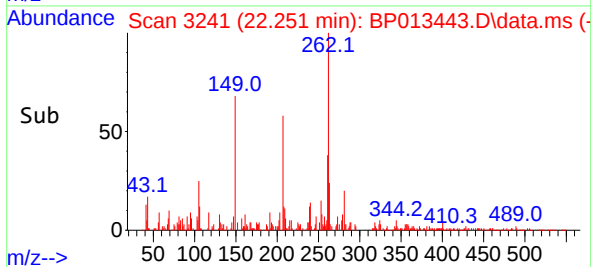
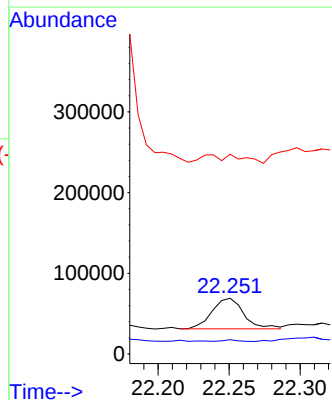
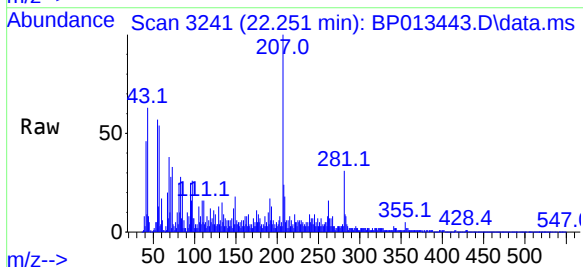
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

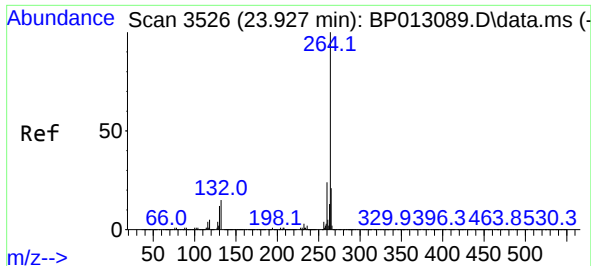
Tgt Ion:149 Resp: 1111101
Ion Ratio Lower Upper
149 100
167 28.7 22.6 34.0
279 5.2 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 2.473 ng
RT: 22.251 min Scan# 3241
Delta R.T. 0.009 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:149 Resp: 59519
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 0.0 7.8 11.8#

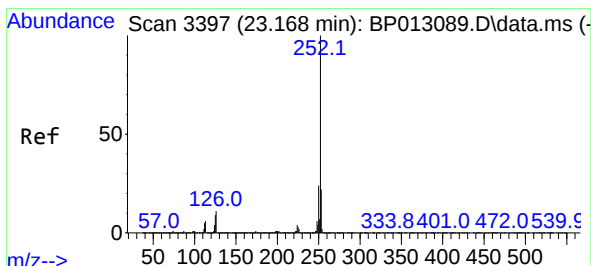
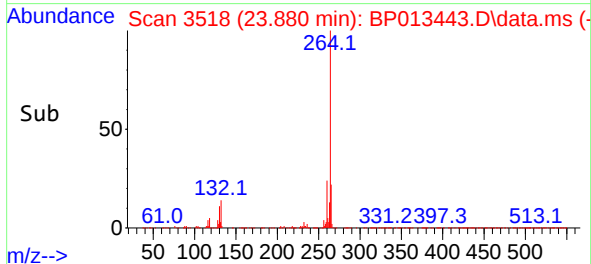
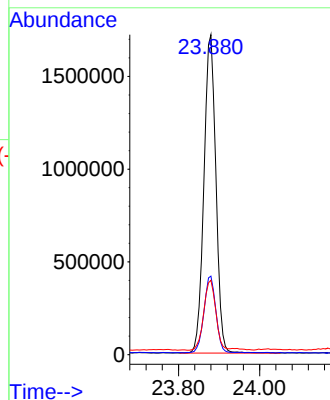
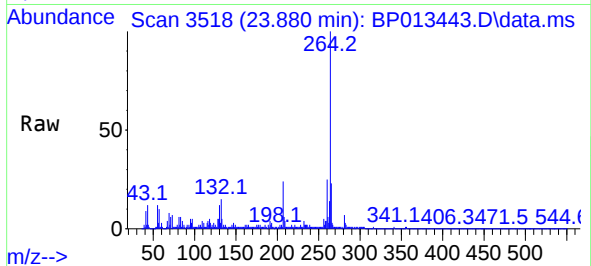




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.880 min Scan# 31
Delta R.T. 0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Instrument :
BNA_P
ClientSampleId :
PL-3-010923

Tgt Ion:264 Resp: 3511170
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 23.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.018 ng
RT: 23.121 min Scan# 3389
Delta R.T. 0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:252 Resp: 456301
Ion Ratio Lower Upper
252 100
253 40.0 17.8 26.6#
125 25.3 7.0 10.4#

