

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
 Data File : BP013094.D
 Acq On : 12 Dec 2022 21:23
 Operator : CG/JU
 Sample : PB149551BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB149551BL

Quant Time: Dec 13 07:26:59 2022
 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)

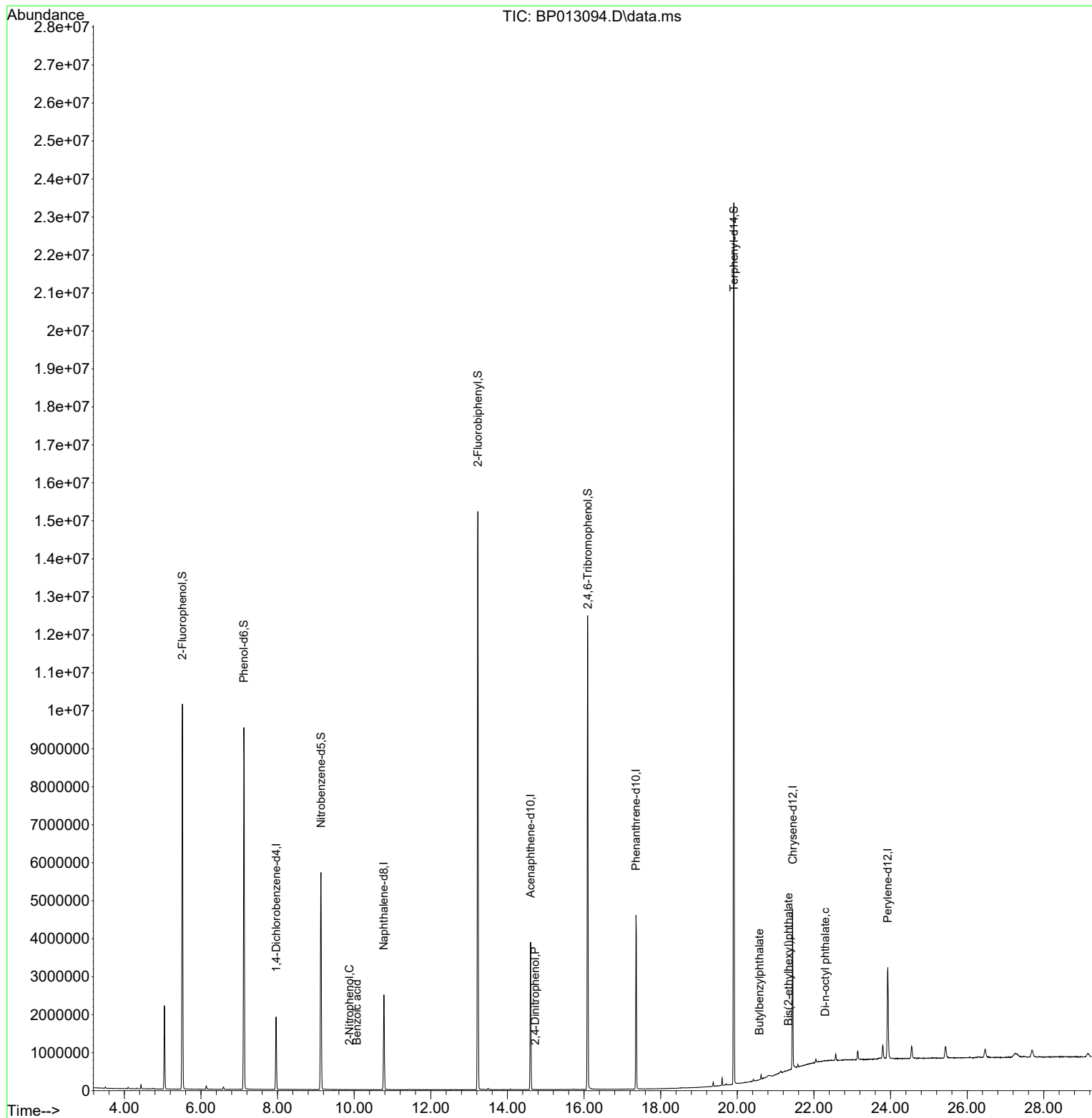
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	524197	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	2033162	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	1325749	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2799356	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2146183	20.000	ng	0.00
86) Perylene-d12	23.927	264	1863793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	4426389	154.286	ng	0.00
7) Phenol-d6	7.122	99	5594395	149.316	ng	0.00
23) Nitrobenzene-d5	9.134	82	3257995	87.849	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	2515171	157.352	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	8064086	82.589	ng	0.00
79) Terphenyl-d14	19.910	244	11320622	104.065	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	13	2.790	ng	# 1
32) Benzoic acid	10.069	122	164	4.381	ng	# 32
54) 2,4-Dinitrophenol	14.722	184	16	3.599	ng	# 1
80) Butylbenzylphthalate	20.580	149	1503	2.119	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.339	149	2790	2.815	ng	# 92
85) Di-n-octyl phthalate	22.292	149	2157	2.186	ng	# 74

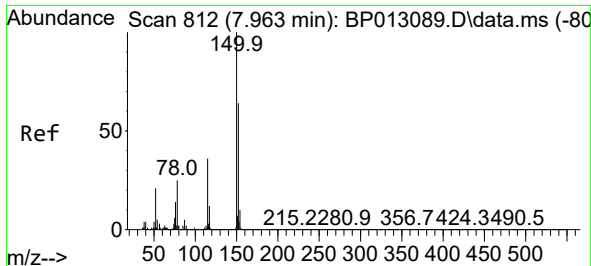
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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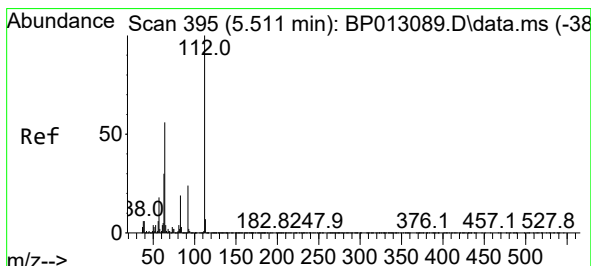
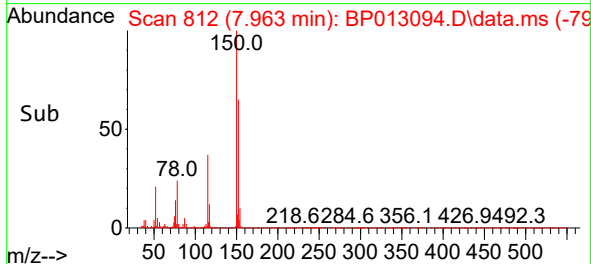
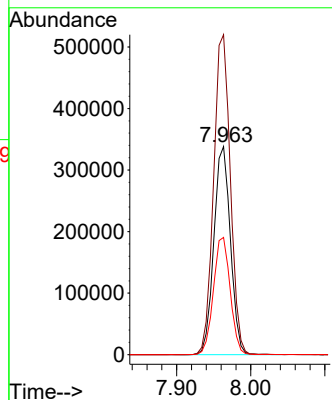
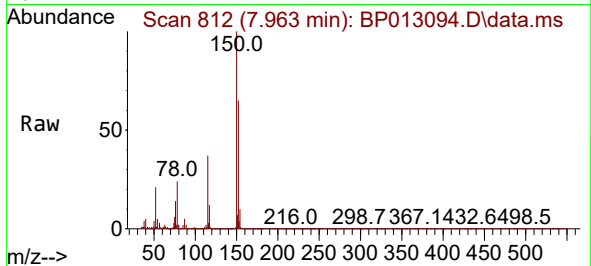




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

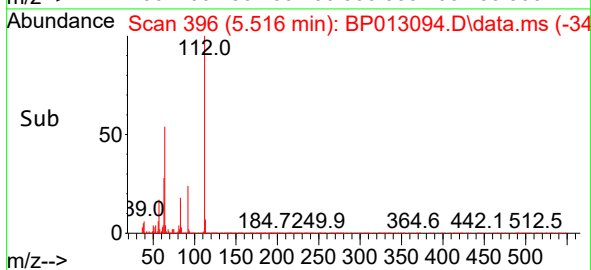
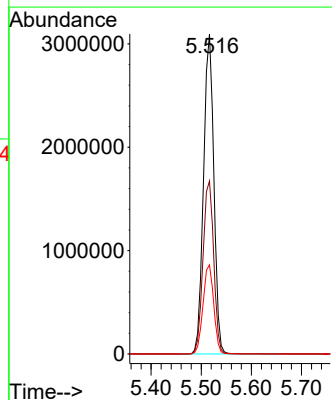
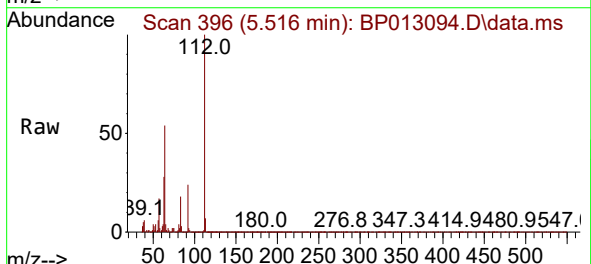
Instrument :
BNA_P
ClientSampleId :
PB149551BL

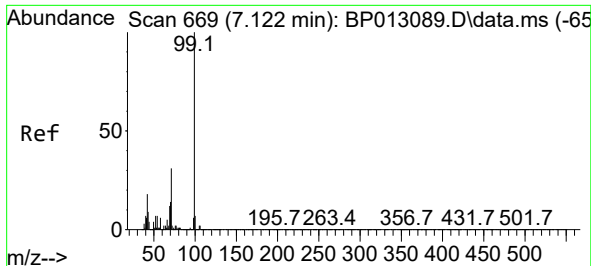
Tgt Ion:152 Resp: 524197
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 56.3 45.6 68.4



#5
2-Fluorophenol
Concen: 154.286 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:112 Resp: 4426389
Ion Ratio Lower Upper
112 100
64 54.1 45.1 67.7
63 27.8 23.8 35.6

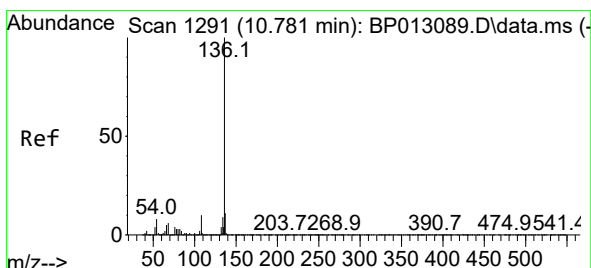
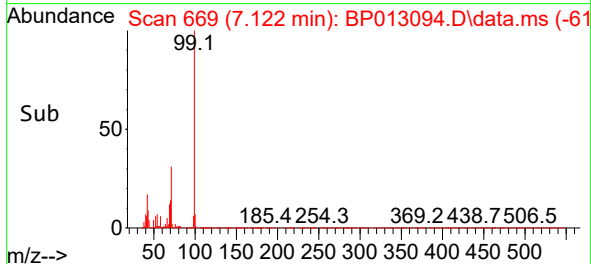
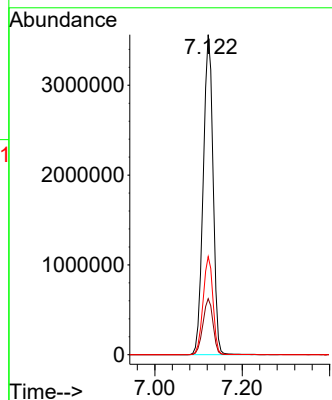
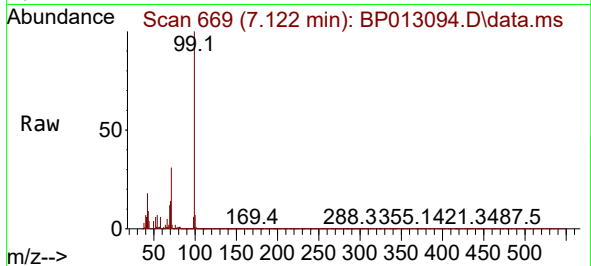




#7
Phenol-d6
Concen: 149.316 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

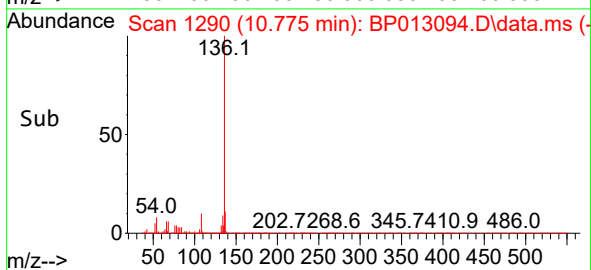
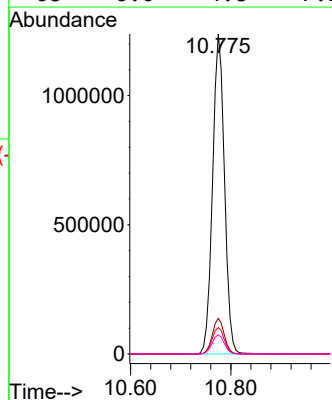
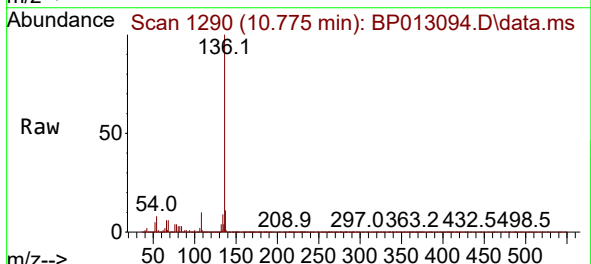
Instrument :
BNA_P
ClientSampleId :
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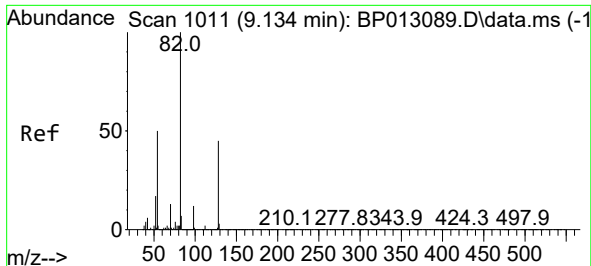
Tgt Ion: 99 Resp: 5594395
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 30.7 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:136 Resp: 2033162
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.3 6.2 9.4
68 6.0 4.8 7.2

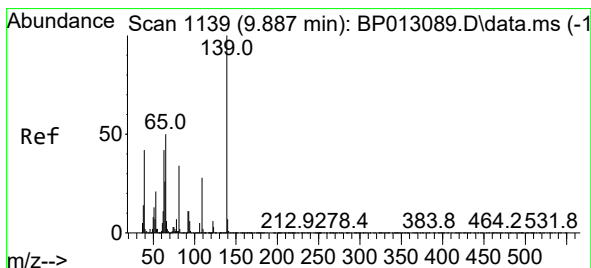
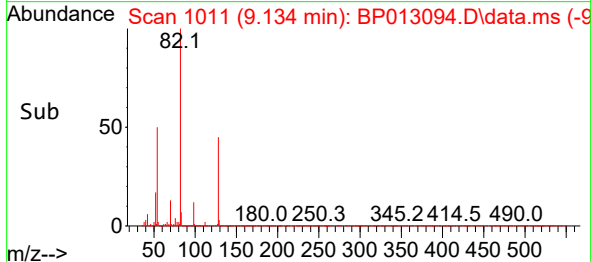
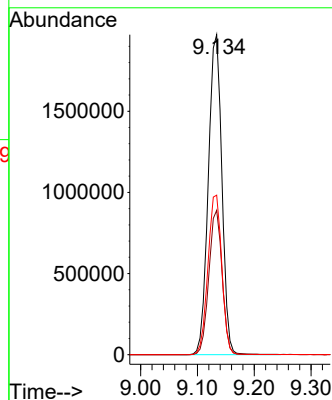
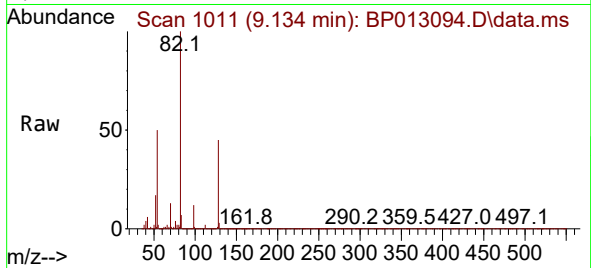




#23
Nitrobenzene-d5
Concen: 87.849 ng
RT: 9.134 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

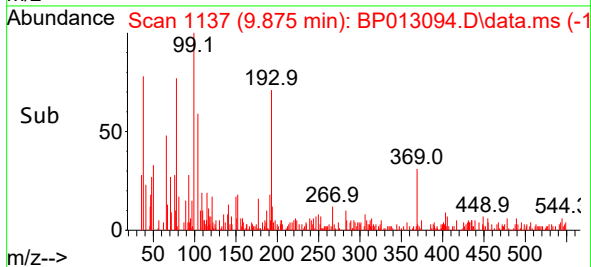
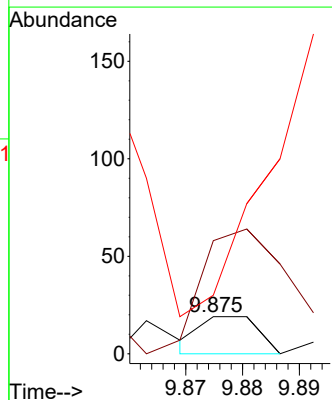
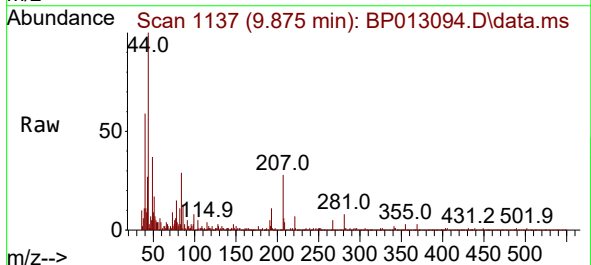
Instrument :
BNA_P
ClientSampleId :
PB149551BL

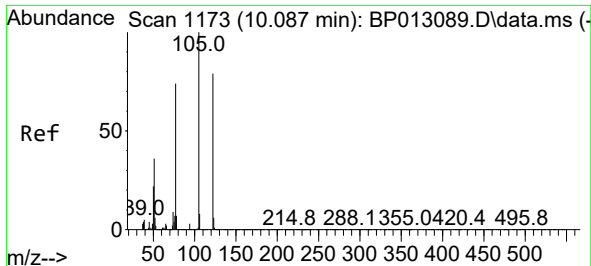
Tgt Ion: 82 Resp: 3257995
Ion Ratio Lower Upper
82 100
128 45.1 35.9 53.9
54 49.9 40.4 60.6



#26
2-Nitrophenol
Concen: 2.790 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 305.3 22.5 33.7#
65 157.9 39.9 59.9#

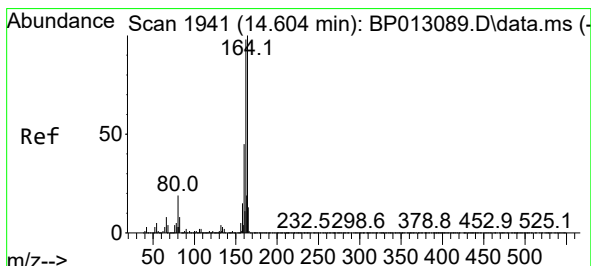
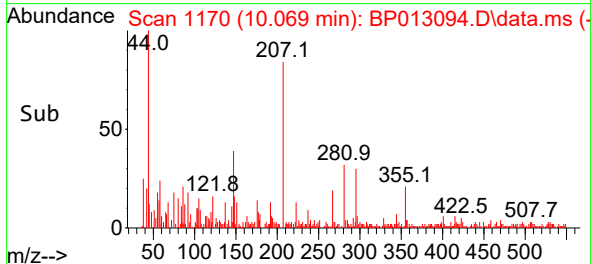
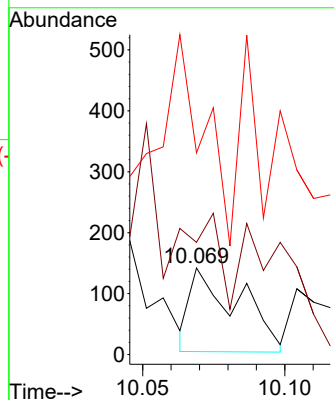
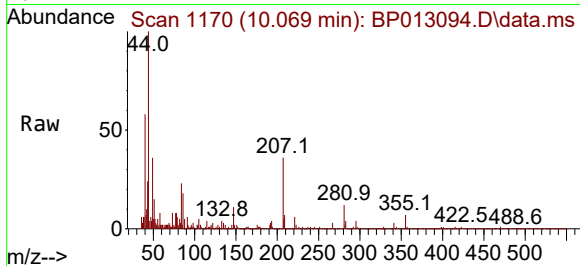




#32
Benzoic acid
Concen: 4.381 ng
RT: 10.069 min Scan# 1173
Delta R.T. -0.018 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

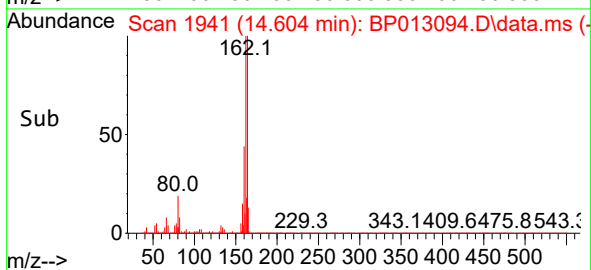
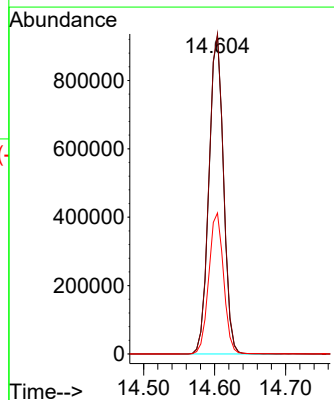
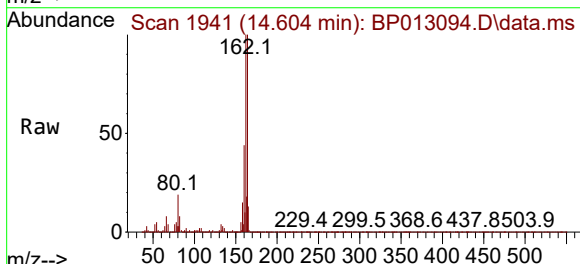
Instrument :
BNA_P
ClientSampleId :
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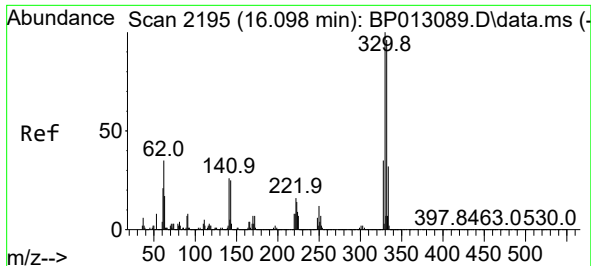
Tgt Ion:122 Resp: 164
Ion Ratio Lower Upper
122 100
105 129.6 101.9 141.9
77 233.1 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:164 Resp: 1325749
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 44.2 36.0 54.0

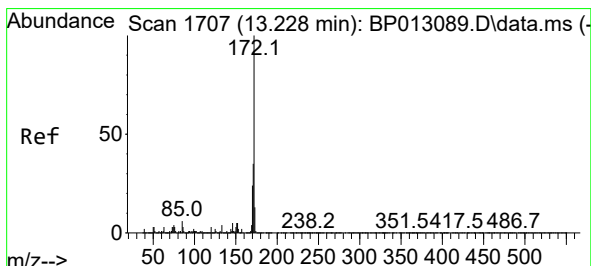
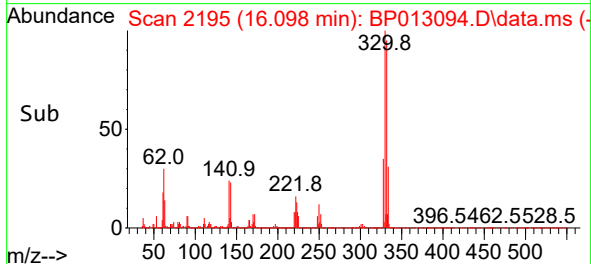
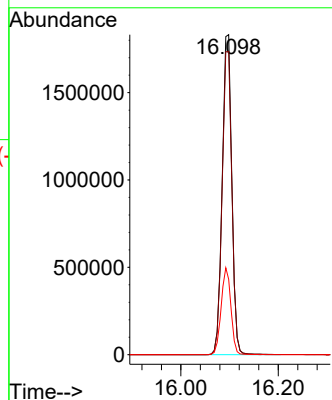
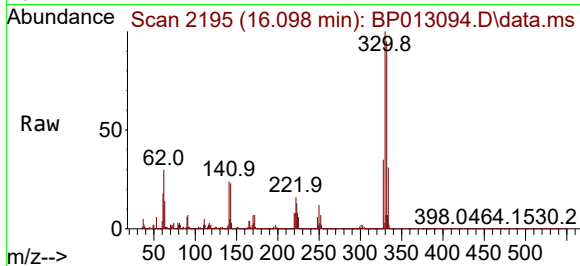




#42
2,4,6-Tribromophenol
Concen: 157.352 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

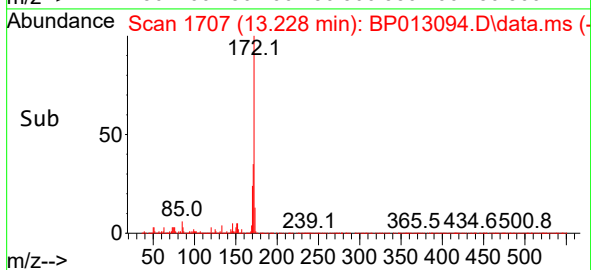
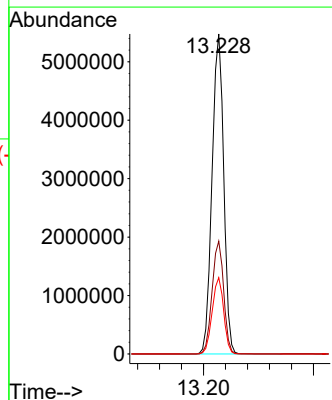
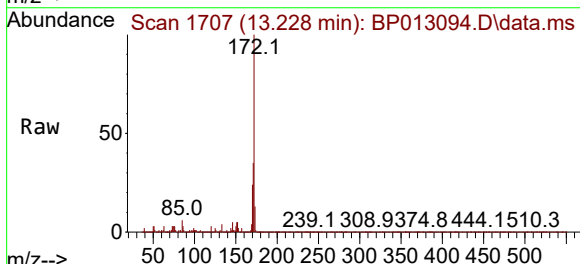
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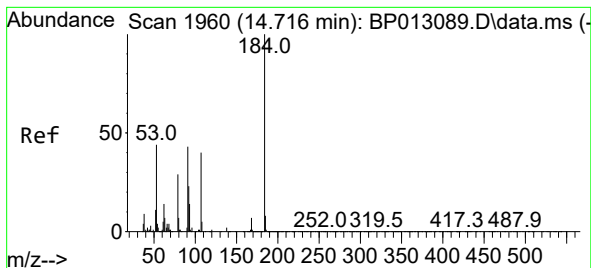
Tgt Ion:330 Resp: 2515171
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 27.4 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 82.589 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:172 Resp: 8064086
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.8 19.2 28.8





#54

2,4-Dinitrophenol

Concen: 3.599 ng

RT: 14.722 min Scan# 1960

Delta R.T. 0.006 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

Instrument :

BNA_P

ClientSampleId :

PB149551BL

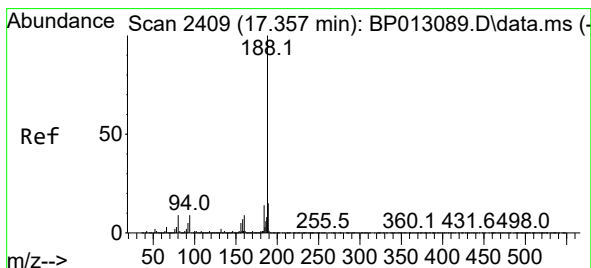
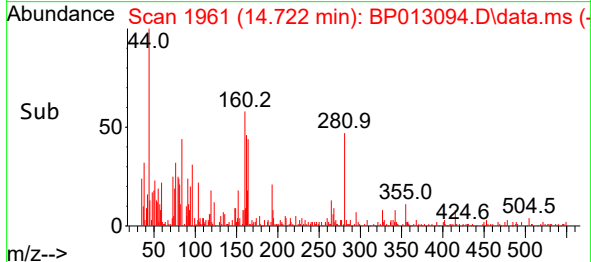
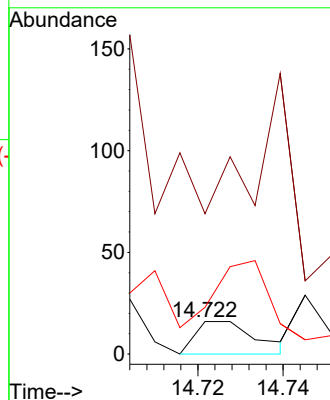
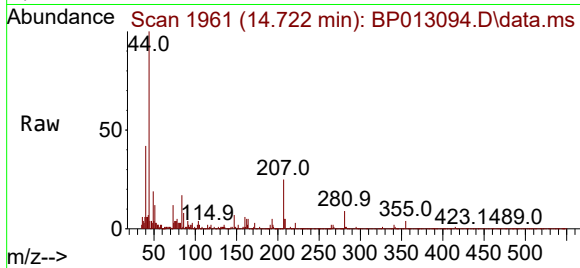
Tgt Ion:184 Resp: 16

Ion Ratio Lower Upper

184 100

63 431.3 47.6 71.4#

154 143.8 45.5 68.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

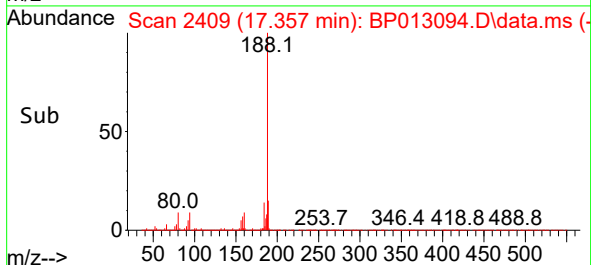
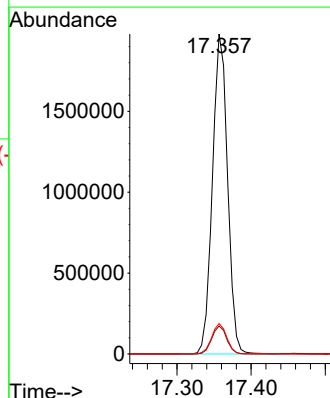
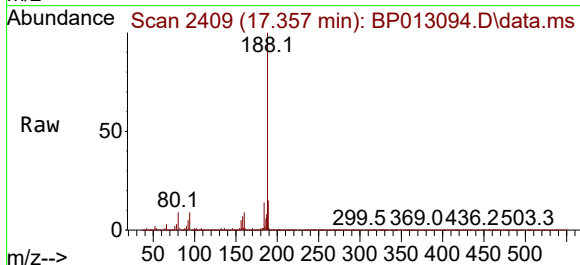
Tgt Ion:188 Resp: 2799356

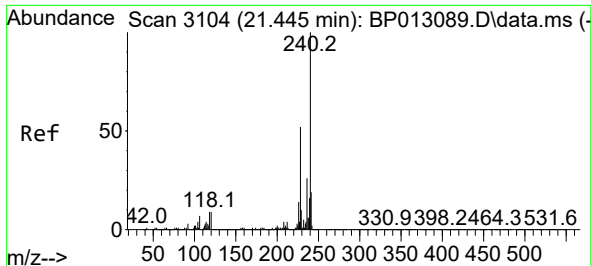
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.5 7.5 11.3

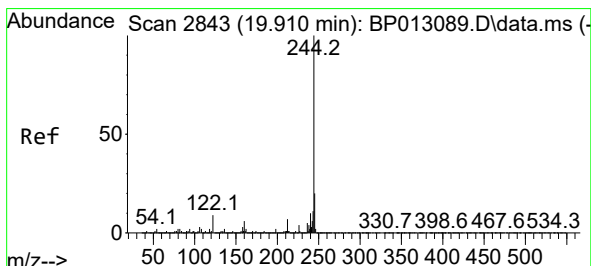
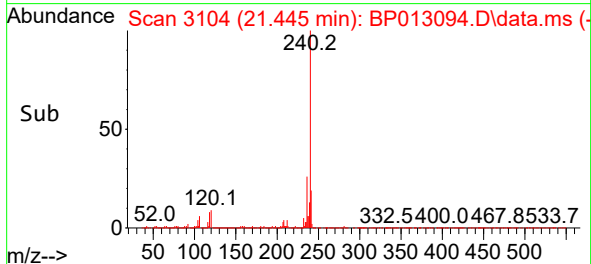
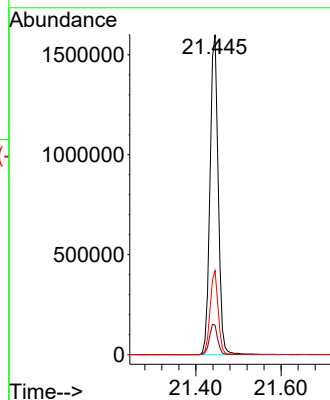
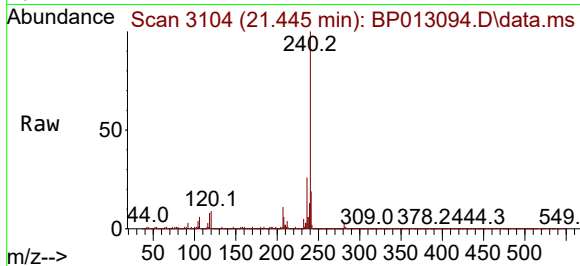




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

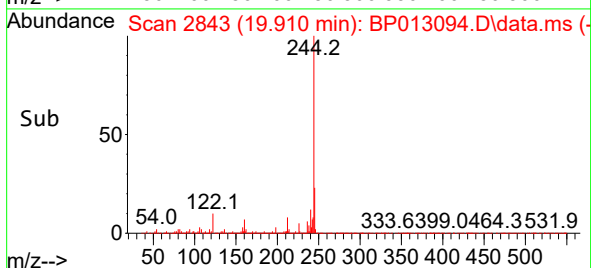
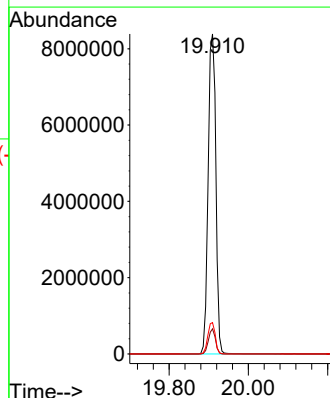
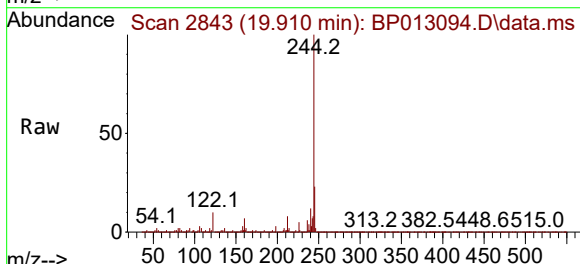
Instrument :
BNA_P
ClientSampleId :
PB149551BL

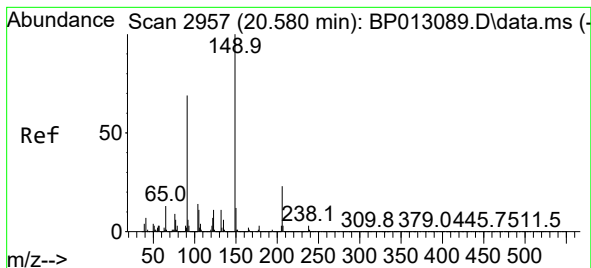
Tgt Ion:240 Resp: 2146183
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 104.065 ng
RT: 19.910 min Scan# 2843
Delta R.T. -0.000 min
Lab File: BP013094.D
Acq: 12 Dec 2022 21:23

Tgt Ion:244 Resp:11320622
Ion Ratio Lower Upper
244 100
212 7.8 5.5 8.3
122 9.8 7.2 10.8





#80

Butylbenzylphthalate

Concen: 2.119 ng

RT: 20.580 min Scan# 2957

Delta R.T. 0.000 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

Instrument :

BNA_P

ClientSampleId :

PB149551BL

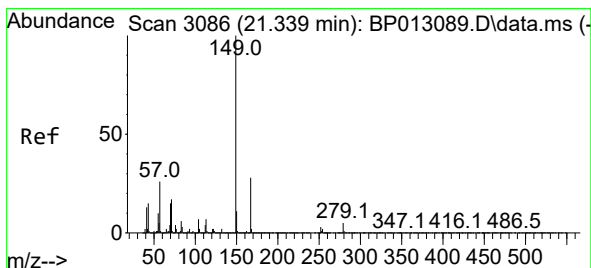
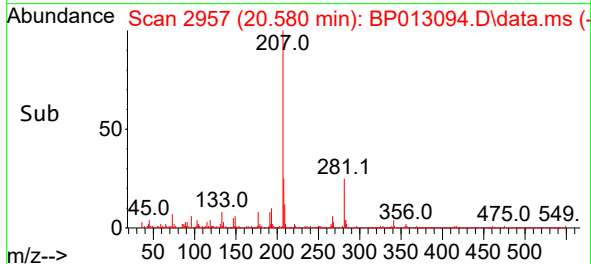
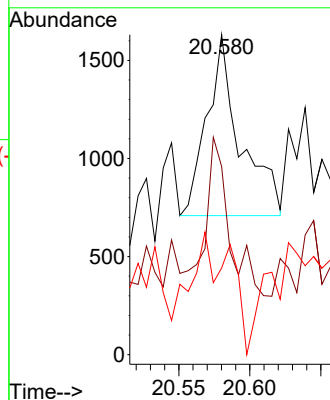
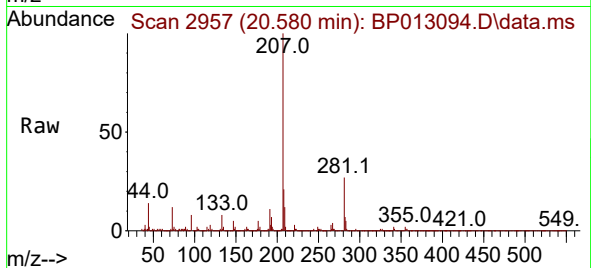
Tgt Ion:149 Resp: 1503

Ion Ratio Lower Upper

149 100

91 58.8 55.2 82.8

206 27.1 18.3 27.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.815 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

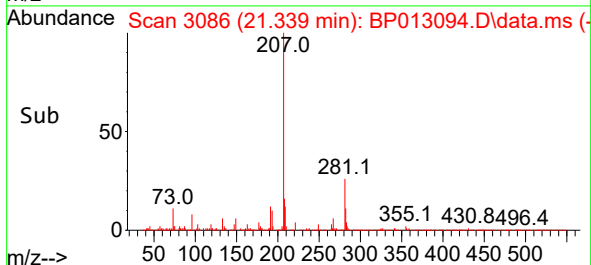
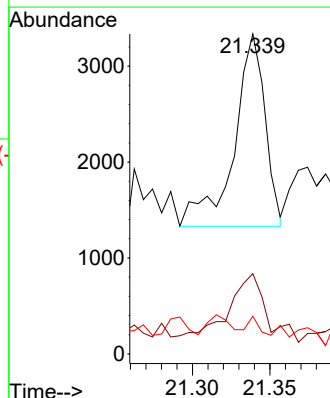
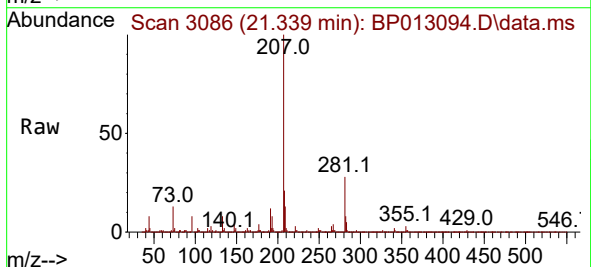
Tgt Ion:149 Resp: 2790

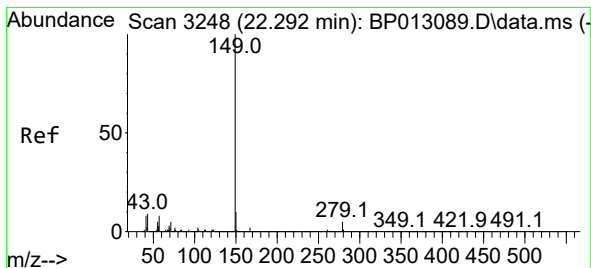
Ion Ratio Lower Upper

149 100

167 25.1 22.6 34.0

279 11.8 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 2.186 ng

RT: 22.292 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

Instrument :

BNA_P

ClientSampleId :

PB149551BL

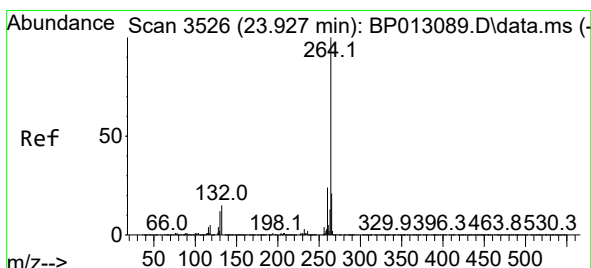
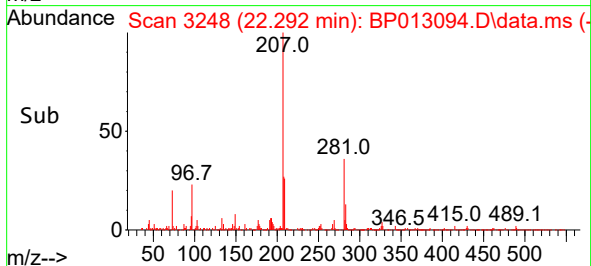
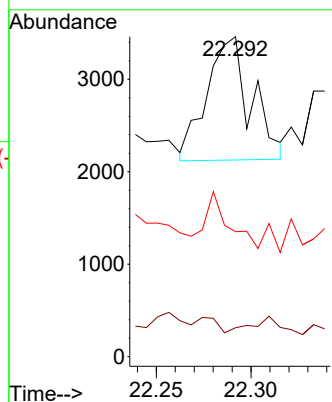
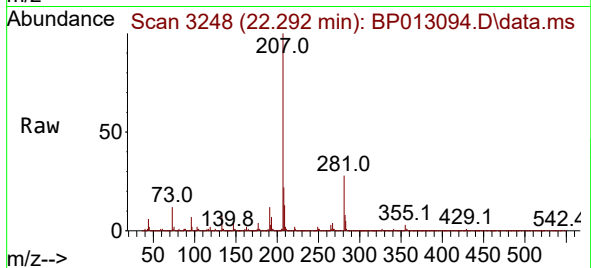
Tgt Ion:149 Resp: 2157

Ion Ratio Lower Upper

149 100

167 9.1 1.3 1.9#

43 0.0 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP013094.D

Acq: 12 Dec 2022 21:23

Tgt Ion:264 Resp: 1863793

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.1 17.7 26.5

