

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011827.D
 Acq On : 27 Sep 2022 21:49
 Operator : CG/JU
 Sample : N4815-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-2

Quant Time: Sep 28 02:11:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

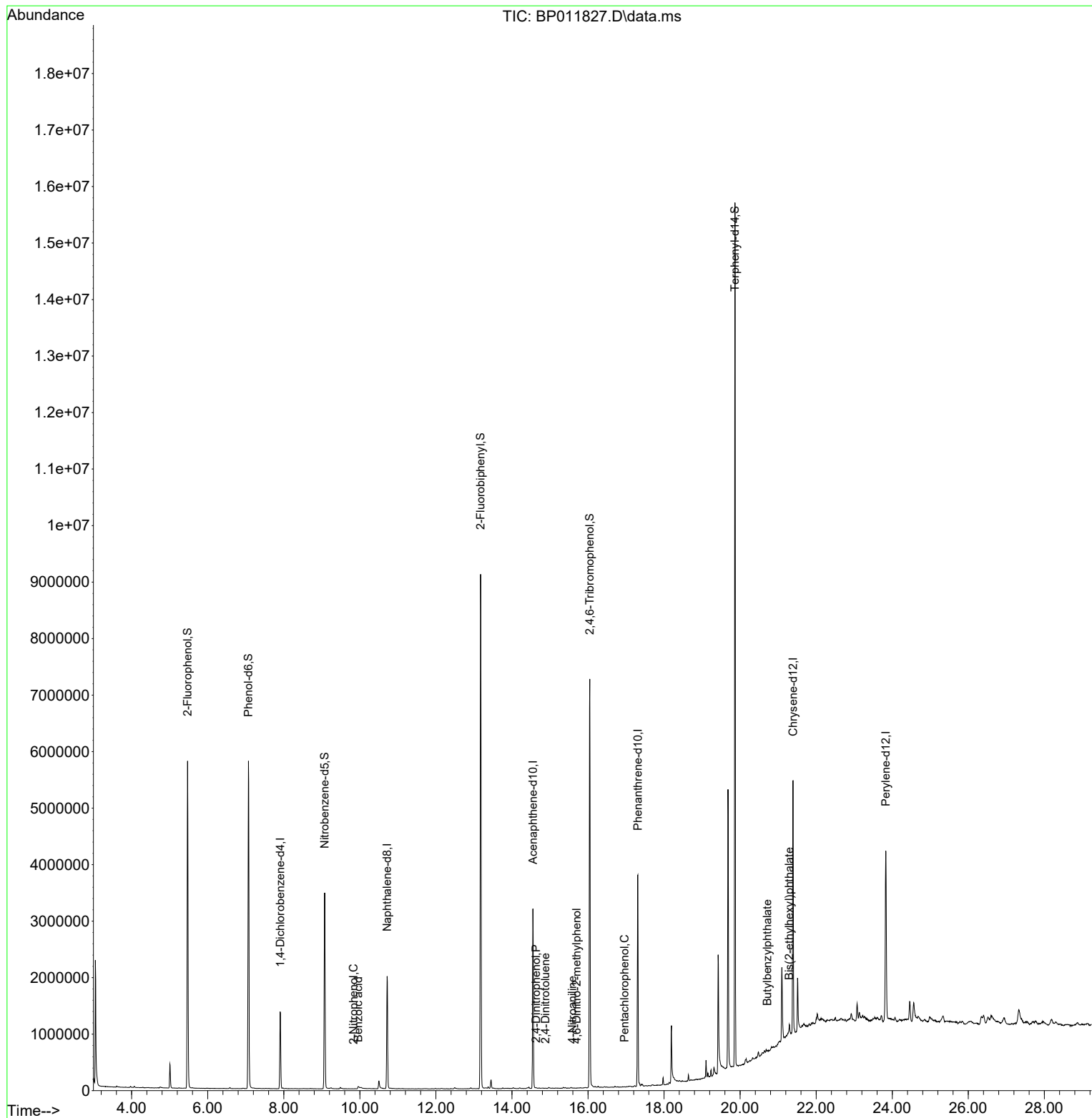
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	390137	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1745433	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1095050	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2278810	20.000	ng	0.00
76) Chrysene-d12	21.392	240	2127806	20.000	ng	0.00
86) Perylene-d12	23.827	264	2121317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	2706763	121.734	ng	0.00
7) Phenol-d6	7.069	99	3651788	111.075	ng	0.00
23) Nitrobenzene-d5	9.075	82	2019806	60.568	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1158499	157.117	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4748029	68.568	ng	0.00
79) Terphenyl-d14	19.863	244	6914903	74.723	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	39	3.334	ng	# 1
32) Benzoic acid	9.958	122	36908	8.434	ng	98
54) 2,4-Dinitrophenol	14.634	184	12	6.727	ng	# 1
57) 2,4-Dinitrotoluene	14.881	165	347	2.552	ng	# 79
62) 4-Nitroaniline	15.587	138	45	2.388	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.698	198	22	5.622	ng	# 1
70) Pentachlorophenol	16.957	266	539	4.420	ng	# 83
80) Butylbenzylphthalate	20.716	149	952	2.696	ng	89
84) Bis(2-ethylhexyl)phtha...	21.292	149	35038	2.228	ng	100

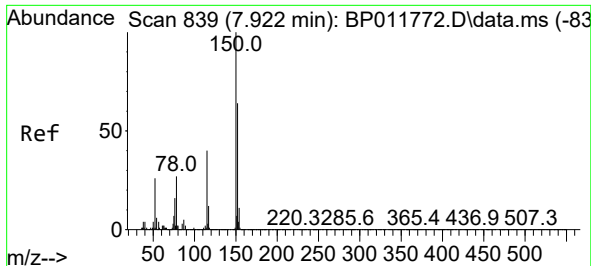
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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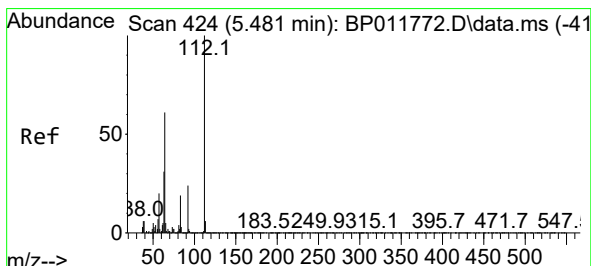
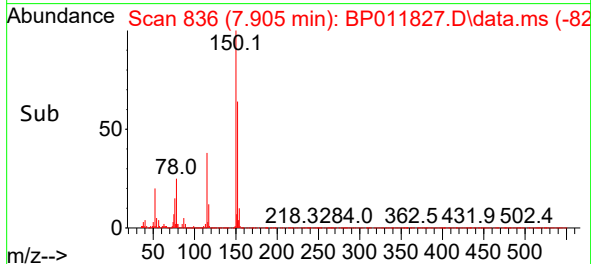
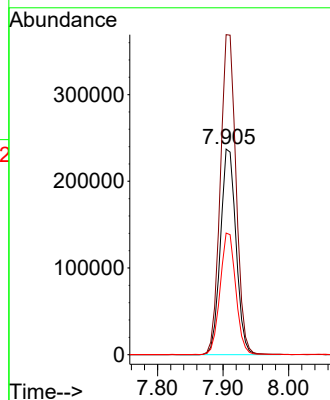
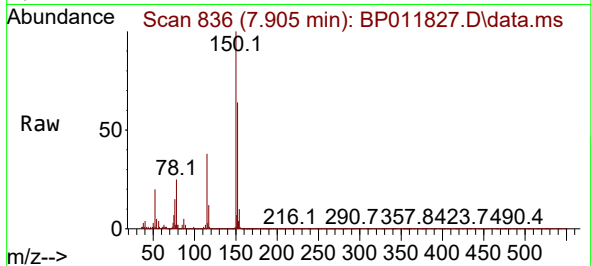




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

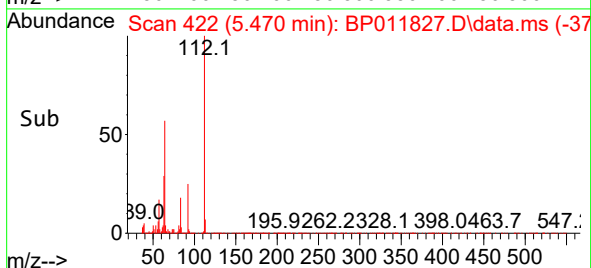
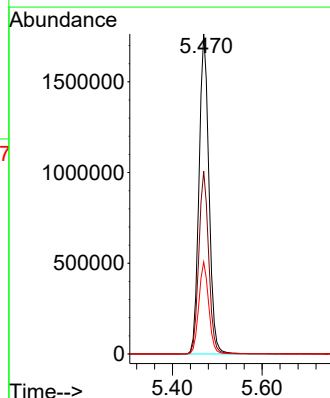
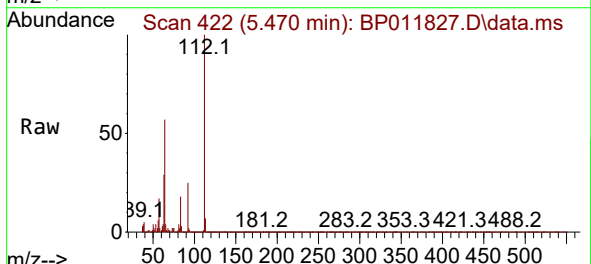
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

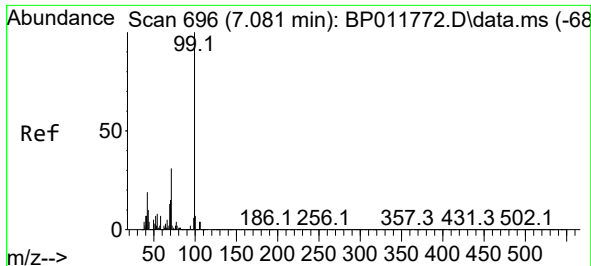
Tgt Ion:152 Resp: 390137
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.4
115 59.1 50.0 75.0



#5
2-Fluorophenol
Concen: 121.734 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:112 Resp: 2706763
Ion Ratio Lower Upper
112 100
64 57.1 49.2 73.8
63 28.7 25.2 37.8

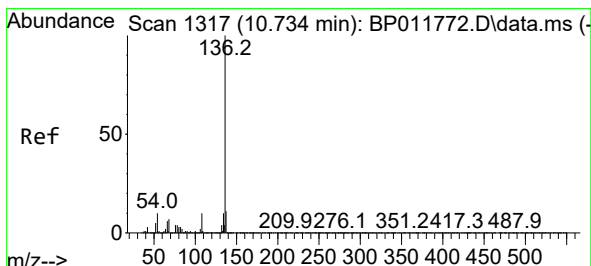
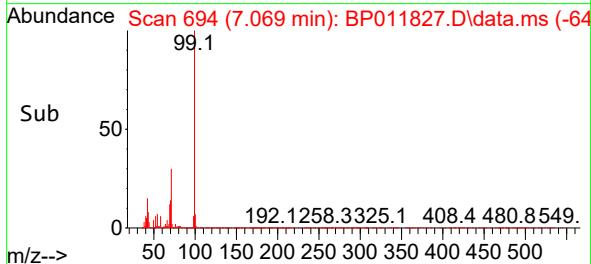
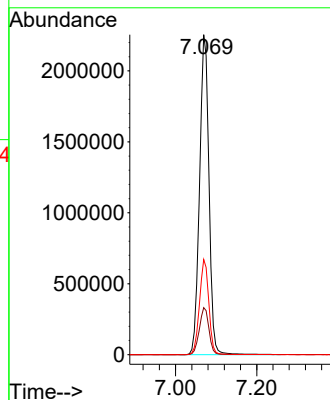
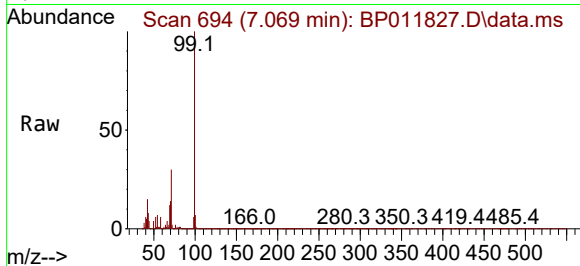




#7
Phenol-d6
Concen: 111.075 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

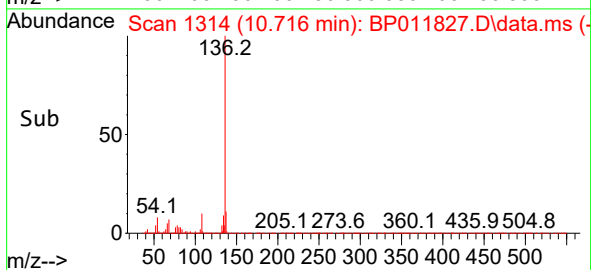
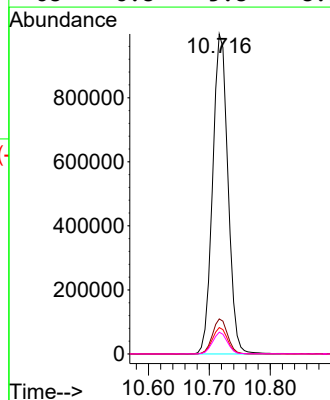
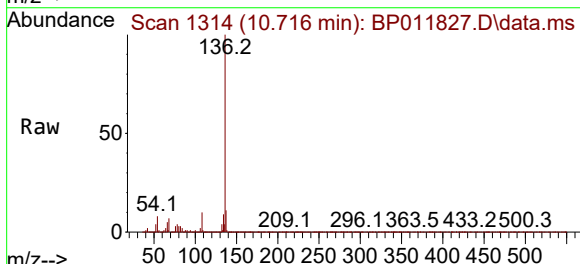
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

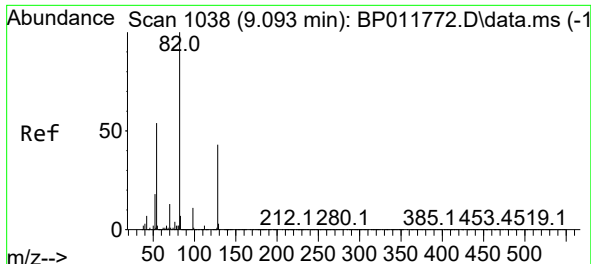
Tgt Ion: 99 Resp: 3651788
Ion Ratio Lower Upper
99 100
42 14.7 15.4 23.2#
71 29.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion: 136 Resp: 1745433
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 8.2 12.4
68 6.8 5.8 8.8

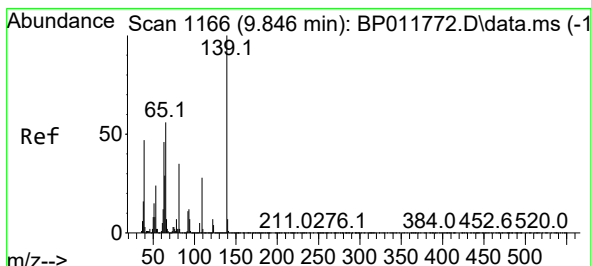
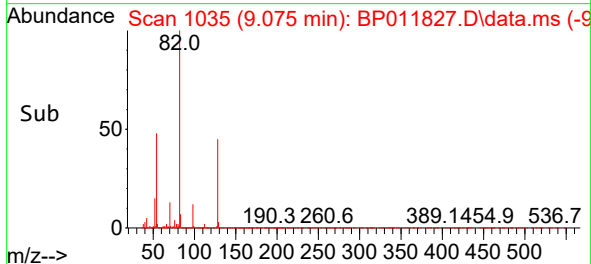
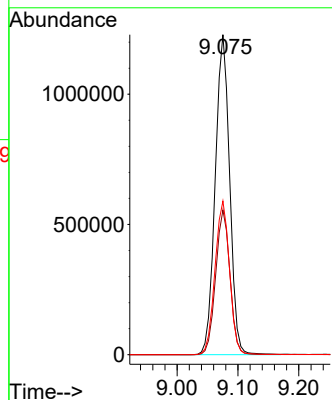
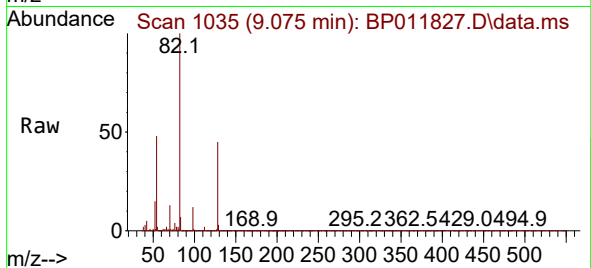




#23
Nitrobenzene-d5
Concen: 60.568 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

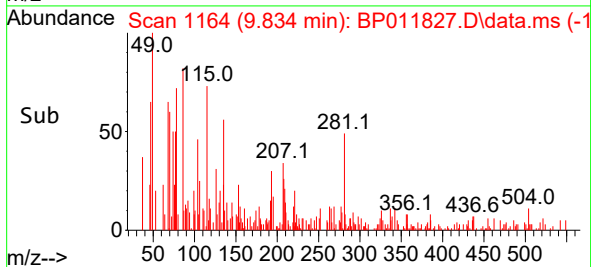
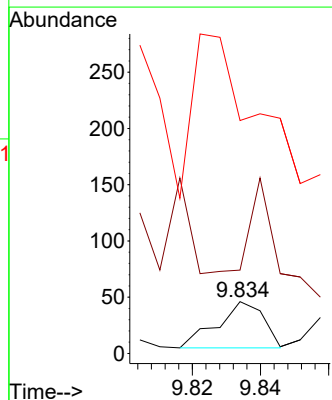
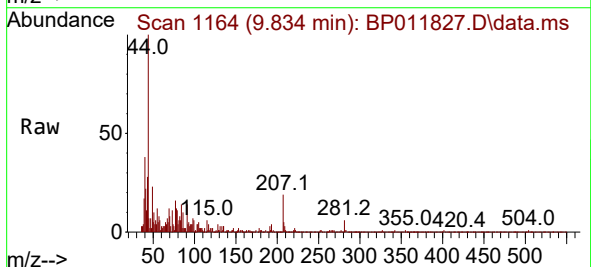
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

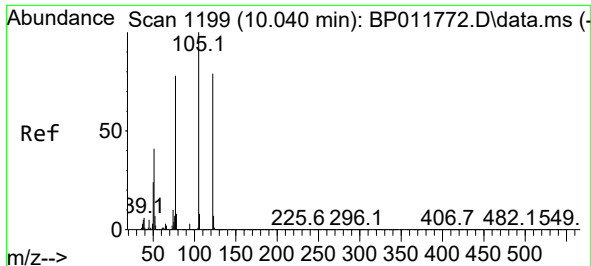
Tgt Ion: 82 Resp: 2019806
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.4
54 48.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.334 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:139 Resp: 39
Ion Ratio Lower Upper
139 100
109 160.9 22.6 34.0#
65 450.0 44.7 67.1#

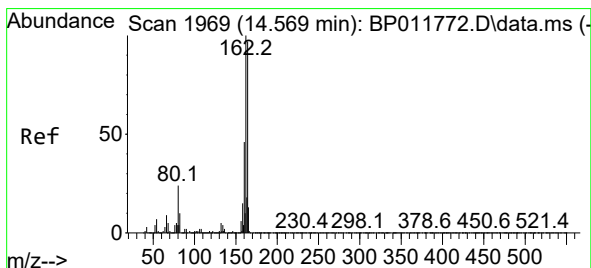
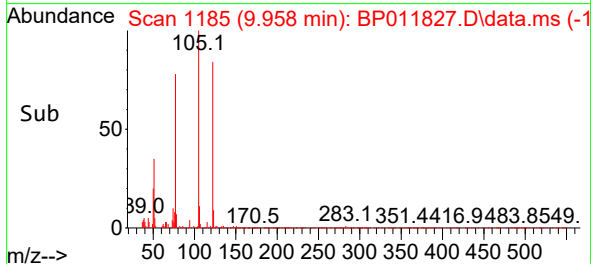
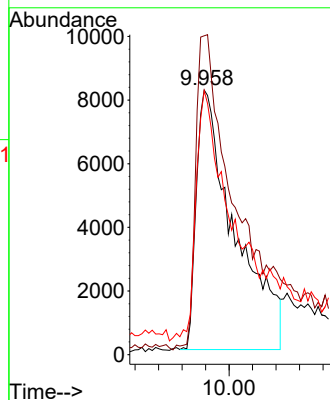
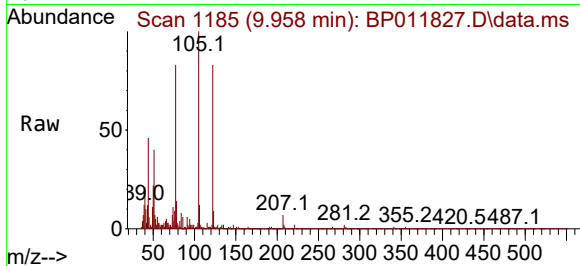




#32
Benzoic acid
Concen: 8.434 ng
RT: 9.958 min Scan# 1199
Delta R.T. -0.059 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

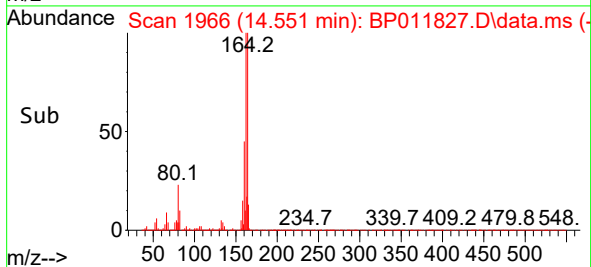
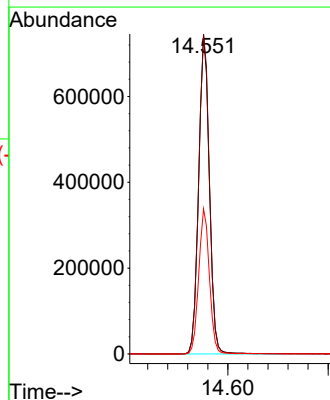
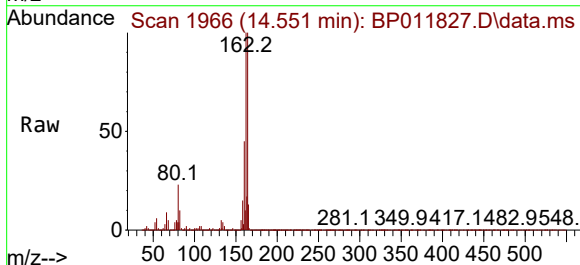
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

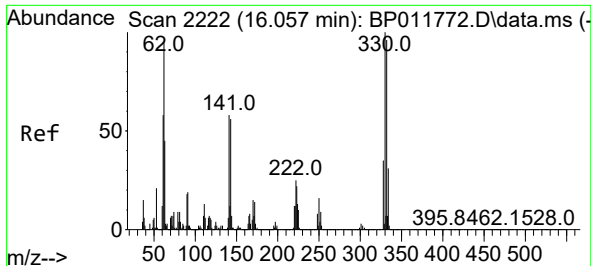
Tgt Ion:122 Resp: 36908
Ion Ratio Lower Upper
122 100
105 120.5 101.0 141.0
77 99.7 75.9 115.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:164 Resp: 1095050
Ion Ratio Lower Upper
164 100
162 100.3 82.5 123.7
160 45.5 37.8 56.6

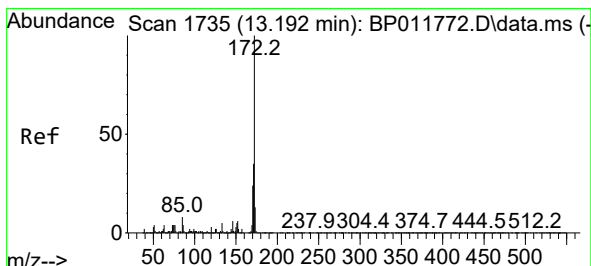
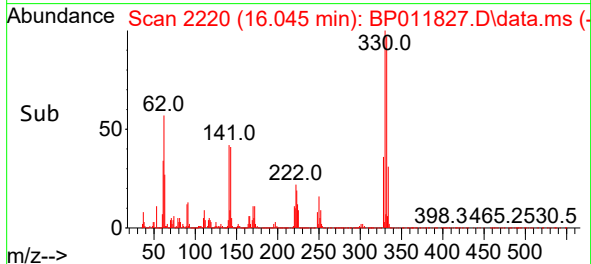
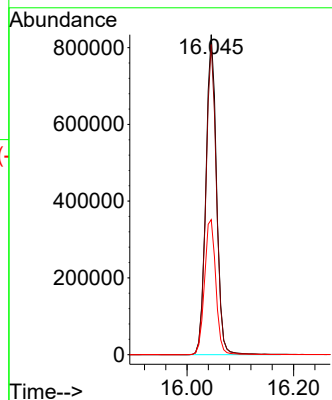
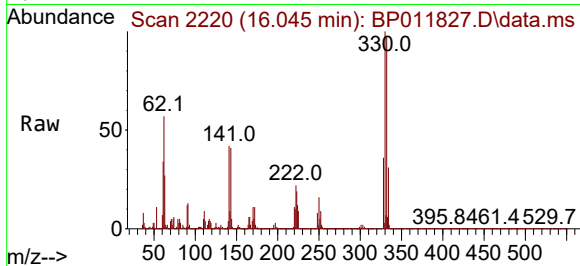




#42
2,4,6-Tribromophenol
Concen: 157.117 ng
RT: 16.045 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

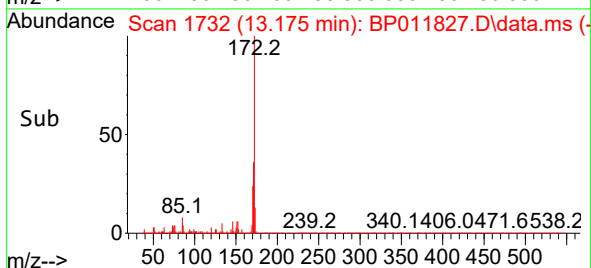
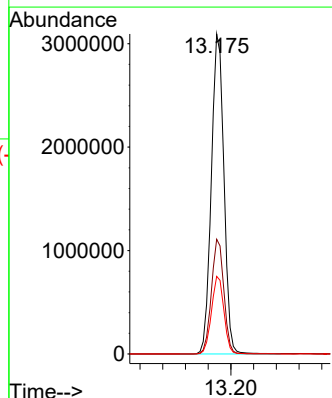
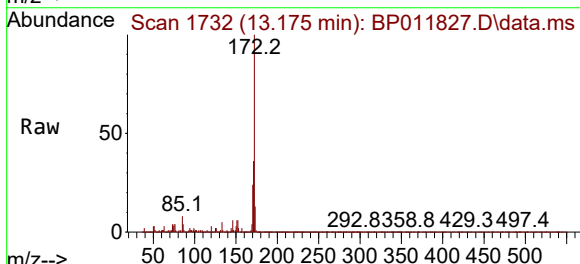
Instrument :
BNA_P
ClientSampleId :
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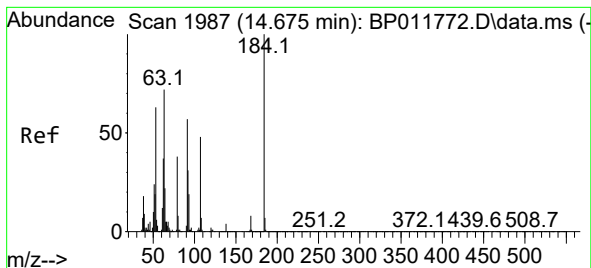
Tgt Ion:330 Resp: 1158499
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 44.8 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 68.568 ng
RT: 13.175 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:172 Resp: 4748029
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.3 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.727 ng

RT: 14.634 min Scan# 1987

Delta R.T. -0.029 min

Lab File: BP011827.D

Acq: 27 Sep 2022 21:49

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-2

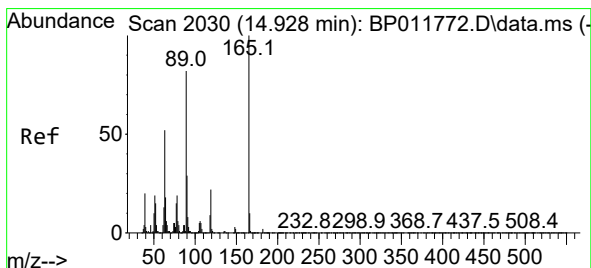
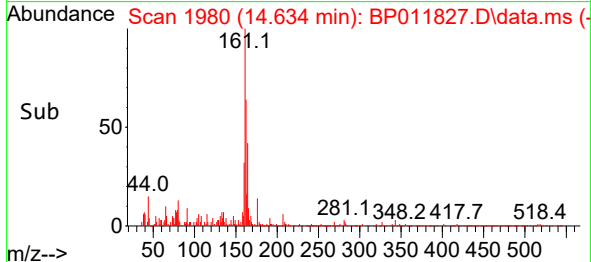
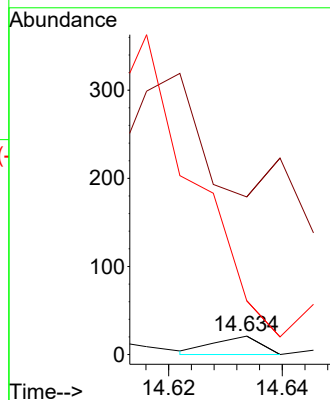
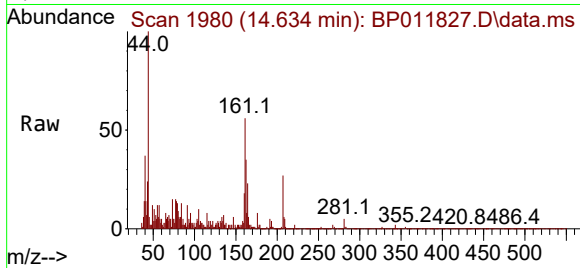
Tgt Ion:184 Resp: 12

Ion Ratio Lower Upper

184 100

63 852.4 65.7 98.5#

154 290.5 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.552 ng

RT: 14.881 min Scan# 2022

Delta R.T. -0.035 min

Lab File: BP011827.D

Acq: 27 Sep 2022 21:49

Tgt Ion:165 Resp: 347

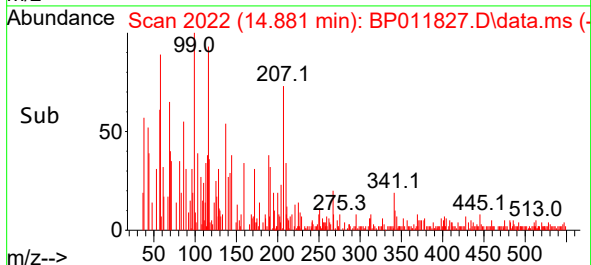
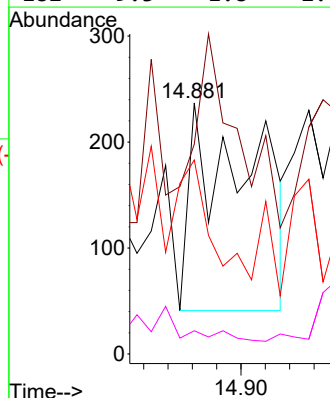
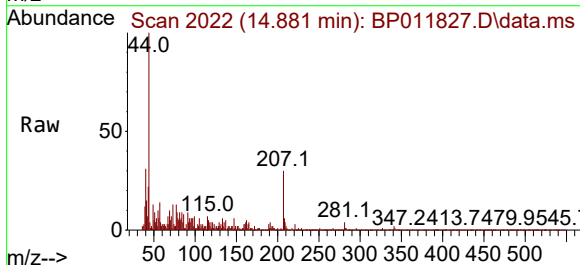
Ion Ratio Lower Upper

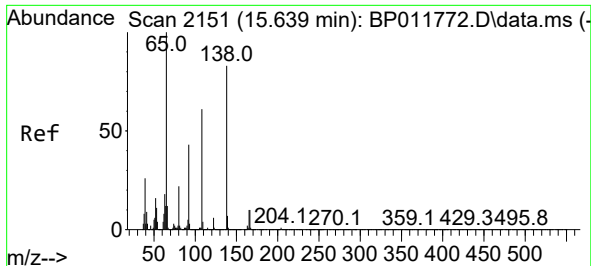
165 100

63 83.5 41.4 62.2#

89 77.2 66.0 99.0

182 9.3 1.8 2.8#

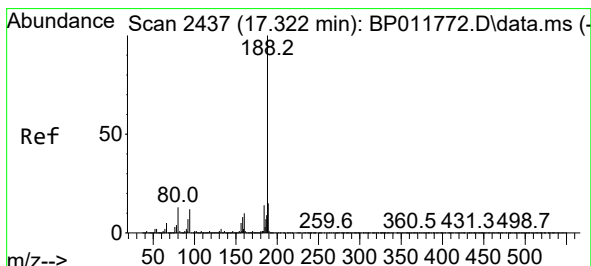
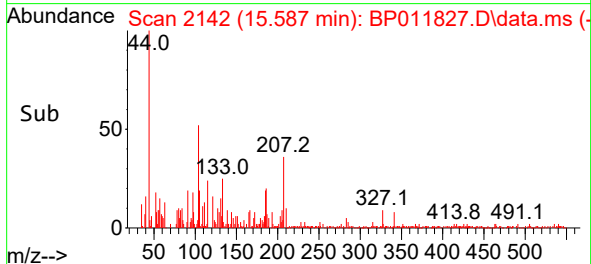
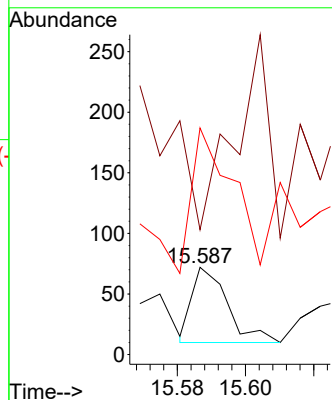
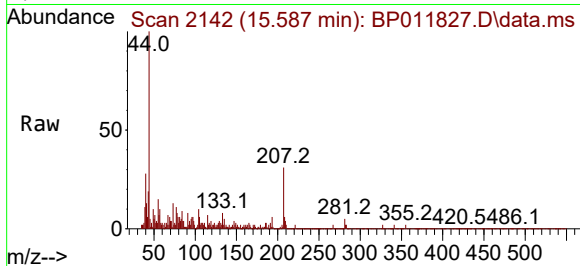




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.587 min Scan# 2151
Delta R.T. -0.041 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

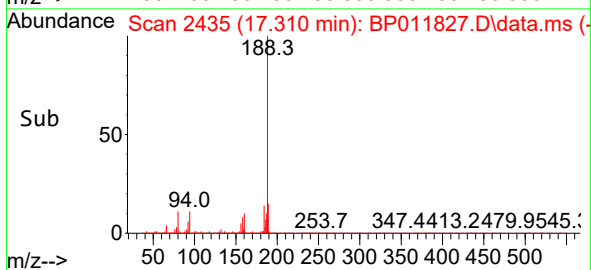
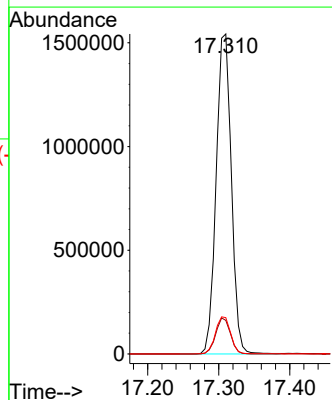
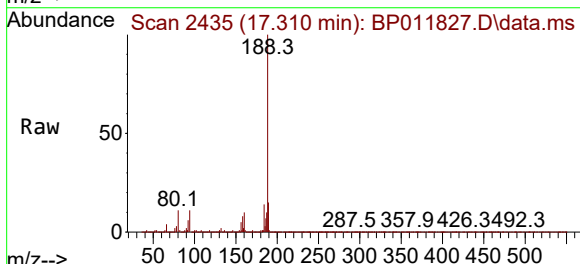
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

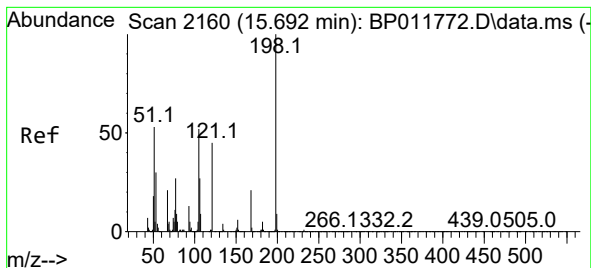
Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
92 143.1 31.9 71.9#
108 259.7 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:188 Resp: 2278810
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.0
80 11.3 10.6 15.8

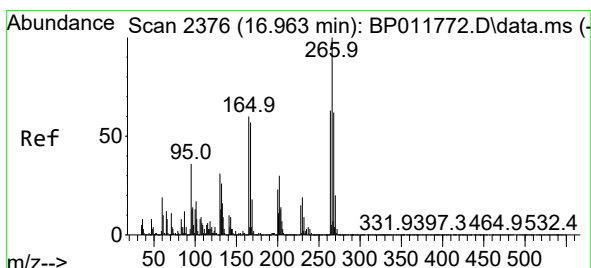
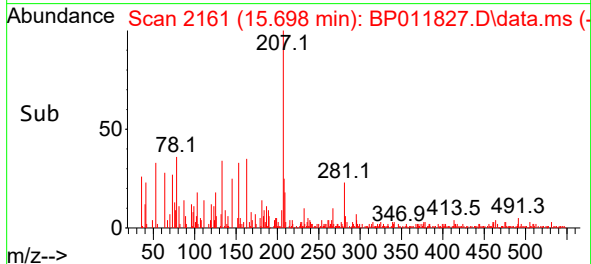
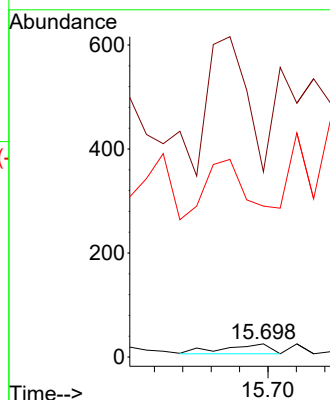
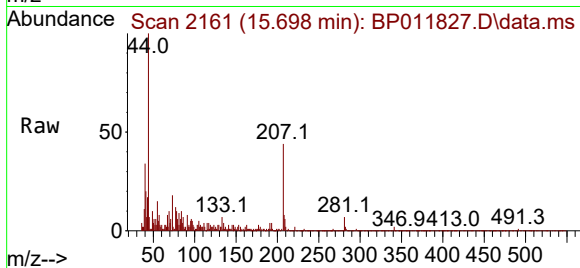




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.698 min Scan# 2160
Delta R.T. 0.018 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

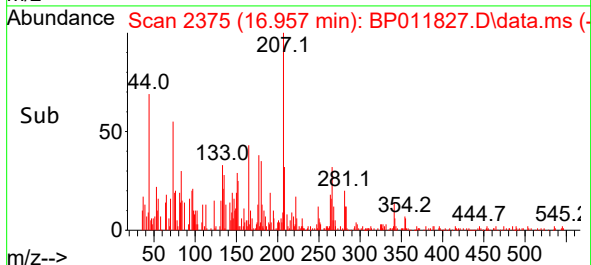
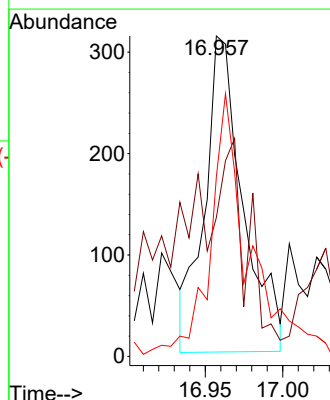
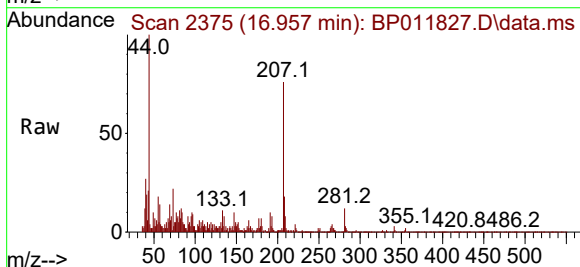
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

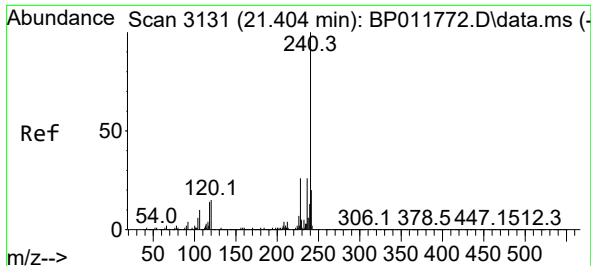
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 1424.0 41.6 81.6#
105 1160.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.420 ng
RT: 16.957 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:266 Resp: 539
Ion Ratio Lower Upper
266 100
268 43.4 49.7 74.5#
264 56.0 50.6 75.8

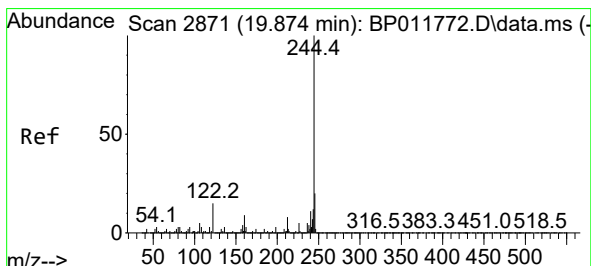
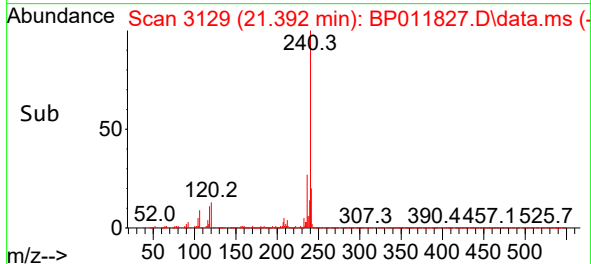
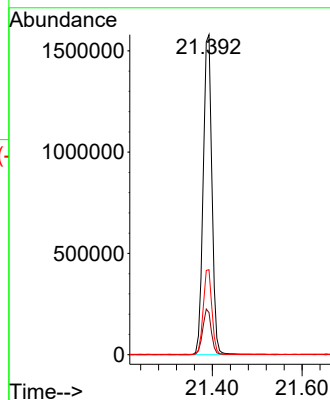
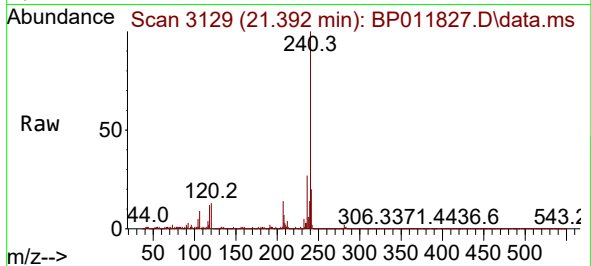




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

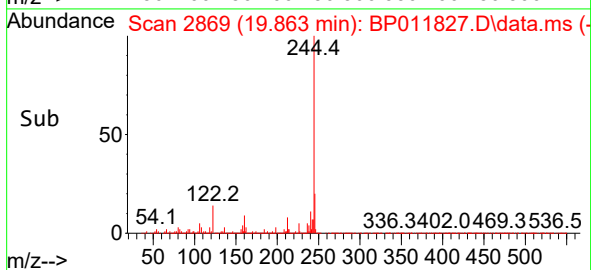
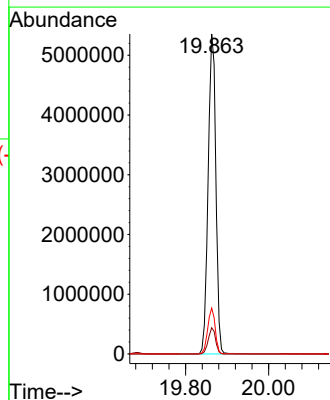
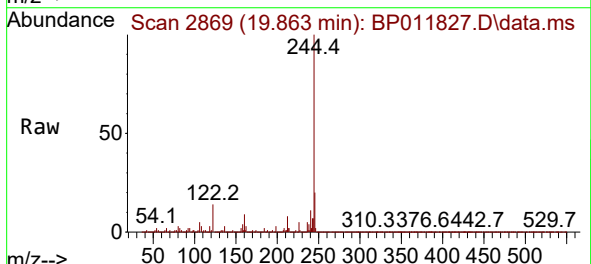
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-2

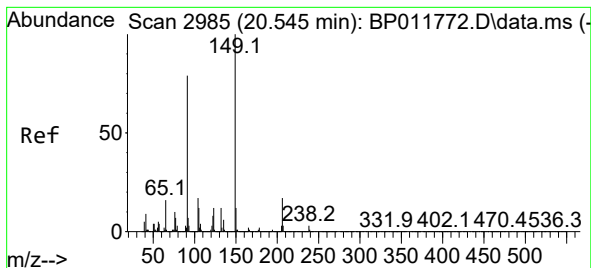
Tgt Ion:240 Resp: 2127806
Ion Ratio Lower Upper
240 100
120 13.1 12.0 18.0
236 26.5 21.1 31.7



#79
Terphenyl-d14
Concen: 74.723 ng
RT: 19.863 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP011827.D
Acq: 27 Sep 2022 21:49

Tgt Ion:244 Resp: 6914903
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 14.3 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.696 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.177 min

Lab File: BP011827.D

Acq: 27 Sep 2022 21:49

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-2

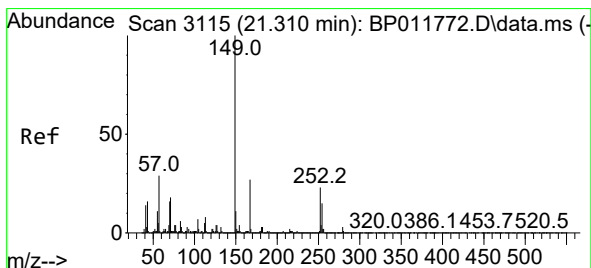
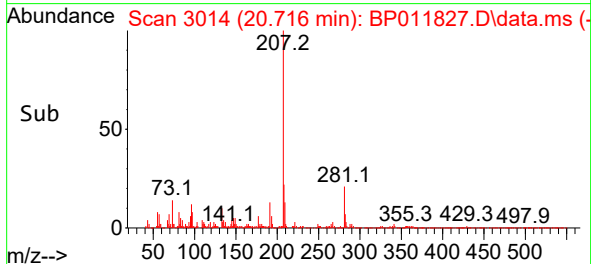
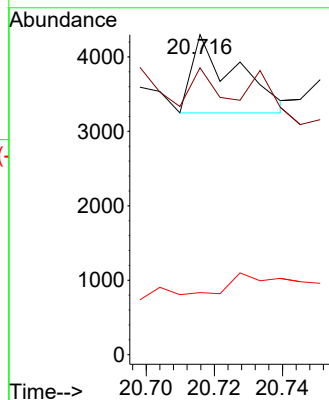
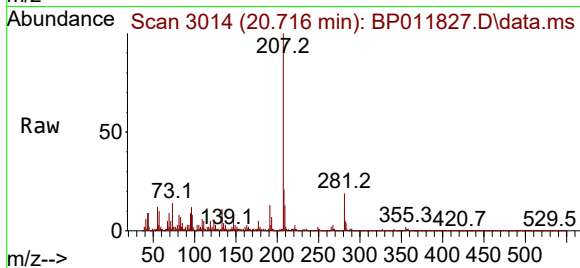
Tgt Ion:149 Resp: 952

Ion Ratio Lower Upper

149 100

91 89.6 63.1 94.7

206 19.4 13.6 20.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.228 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP011827.D

Acq: 27 Sep 2022 21:49

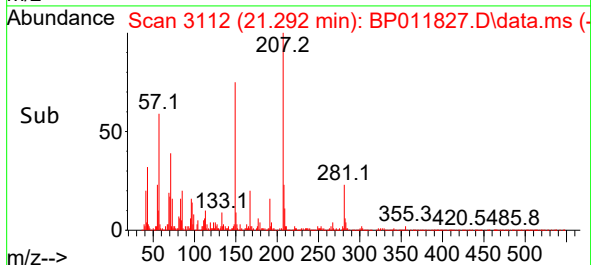
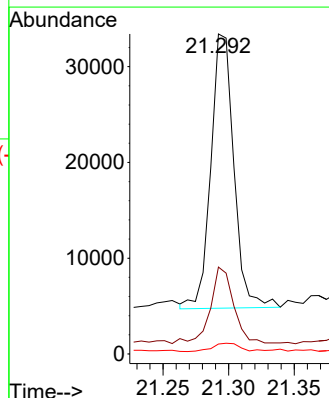
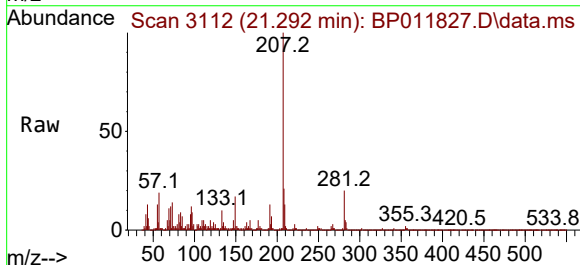
Tgt Ion:149 Resp: 35038

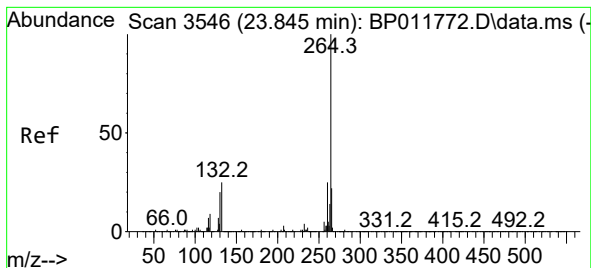
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 3.1 2.5 3.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP011827.D

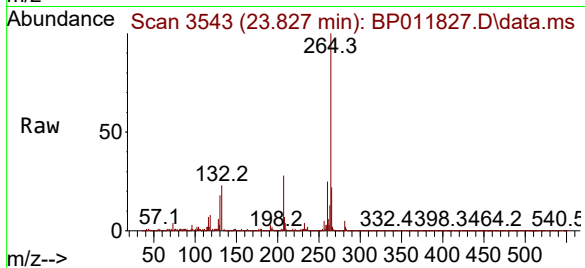
Acq: 27 Sep 2022 21:49

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-2



Tgt Ion:264 Resp: 2121317

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.3 17.8 26.8

