

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043021\
 Data File : BP005435.D
 Acq On : 30 Apr 2021 15:46
 Operator : CG/JU
 Sample : M2234-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Apr 30 17:32:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 11:27:53 2021
 Response via : Initial Calibration

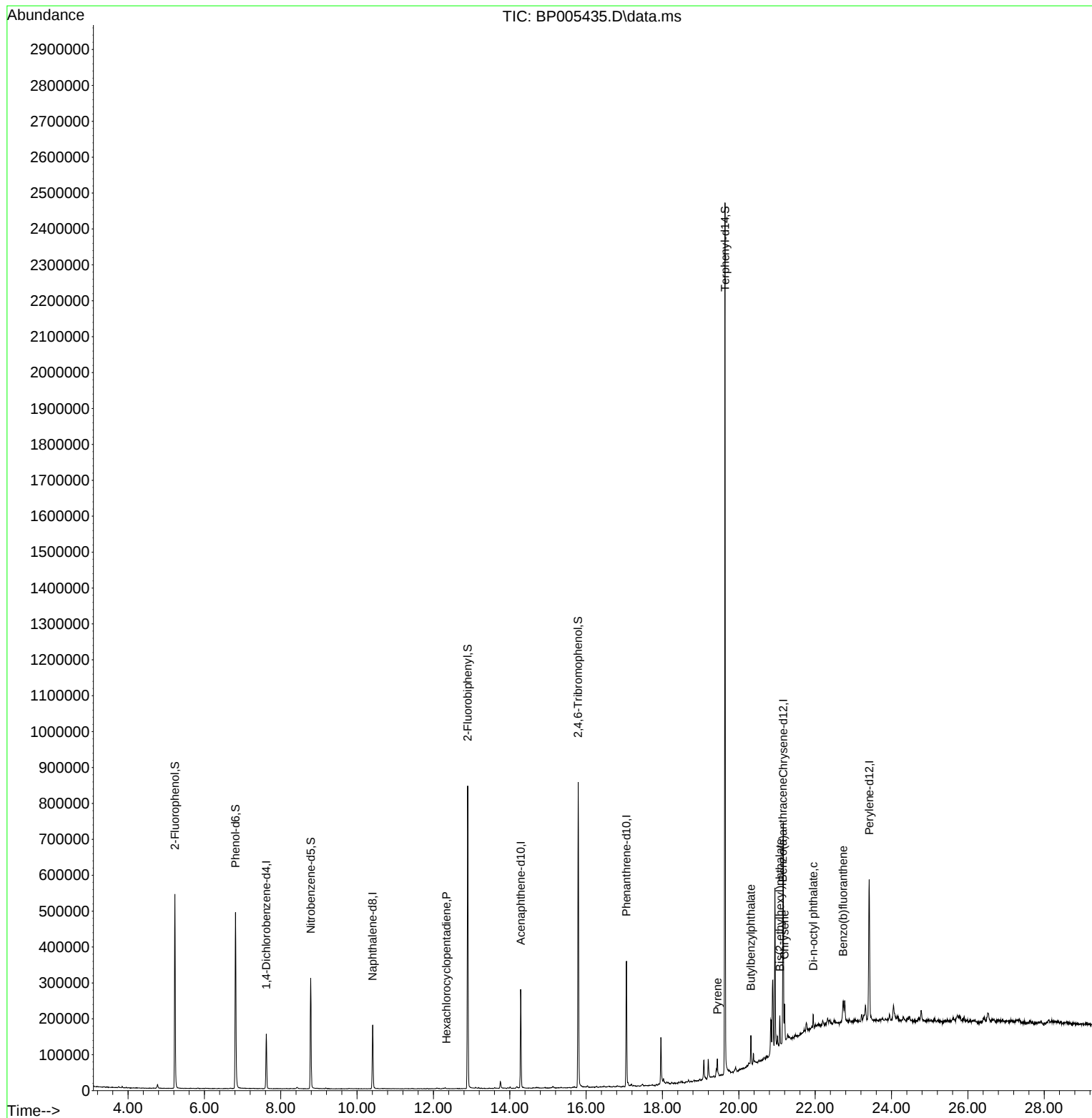
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	32800	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	116422	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	81161	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	200198	20.00	ng	# 0.00
76) Chrysene-d12	21.163	240	255098	20.00	ng	# 0.00
86) Perylene-d12	23.416	264	284534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	177092	94.46	ng	0.00
7) Phenol-d6	6.817	99	226247	86.22	ng	0.00
23) Nitrobenzene-d5	8.787	82	181220	55.17	ng	0.00
42) 2,4,6-Tribromophenol	15.793	330	143603	85.30	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	374146	55.03	ng	0.00
79) Terphenyl-d14	19.639	244	969271	68.27	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.340	237	11	8.36	ng	Qvalue 84
78) Pyrene	19.439	202	31898	2.19	ng	98
80) Butylbenzylphthalate	20.316	149	22060	4.72	ng	# 83
81) Benzo(a)anthracene	21.151	228	55849	3.38	ng	99
83) Chrysene	21.198	228	61481	3.81	ng	98
84) Bis(2-ethylhexyl)phtha...	21.075	149	30988	4.27	ng	96
85) Di-n-octyl phthalate	21.951	149	25958	2.11	ng	# 96
88) Benzo(b)fluoranthene	22.733	252	49880	2.63	ng	# 98

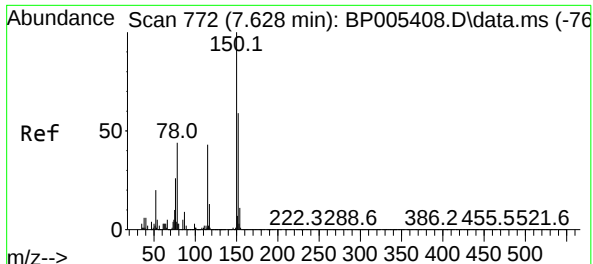
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

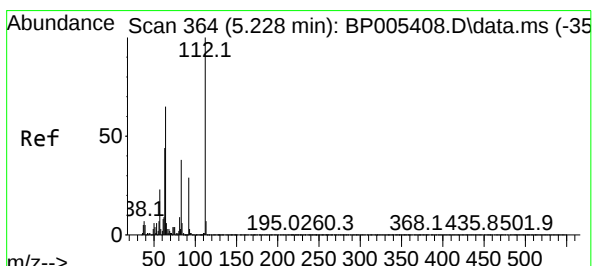
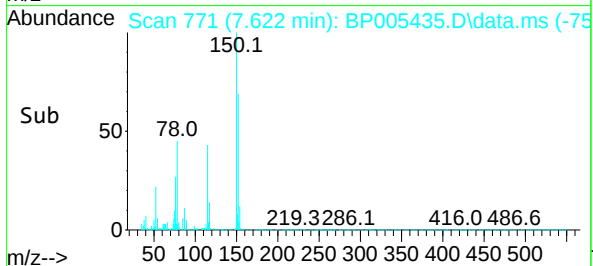
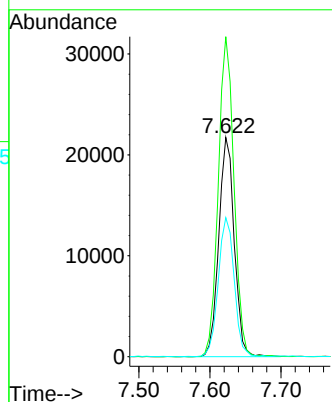
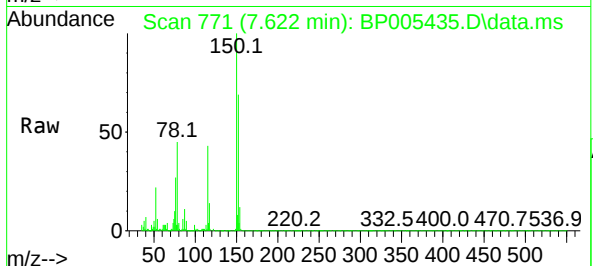




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

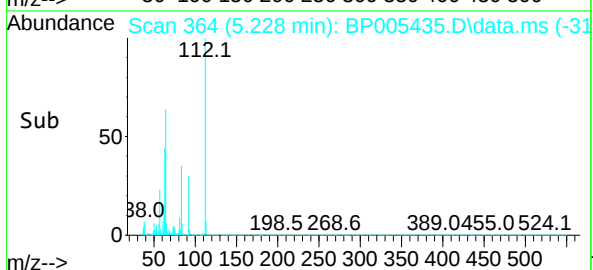
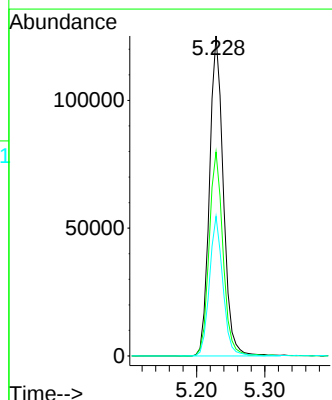
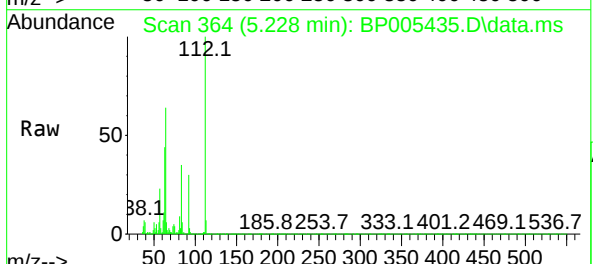
Instrument :
BNA_P
ClientSampled :
S-1

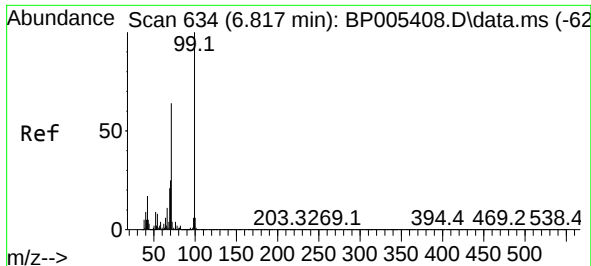
Tgt Ion:152 Resp: 32800
Ion Ratio Lower Upper
152 100
150 145.9 119.8 179.8
115 63.4 49.0 73.4



#5
2-Fluorophenol
Concen: 94.46 ng
RT: 5.228 min Scan# 364
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:112 Resp: 177092
Ion Ratio Lower Upper
112 100
64 63.8 33.6 50.4#
63 43.6 18.6 27.8#

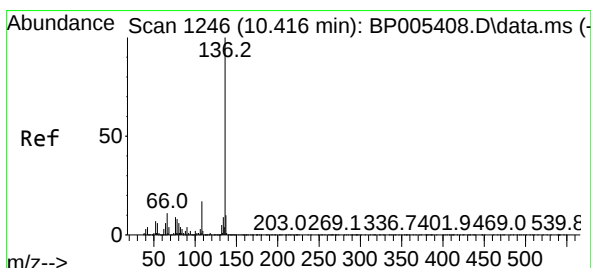
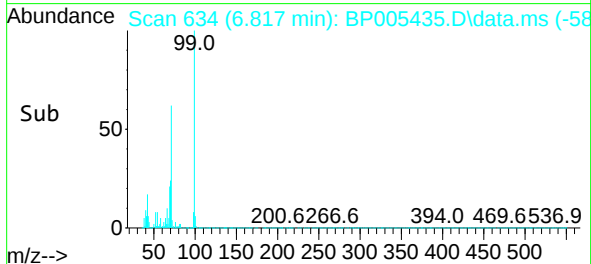
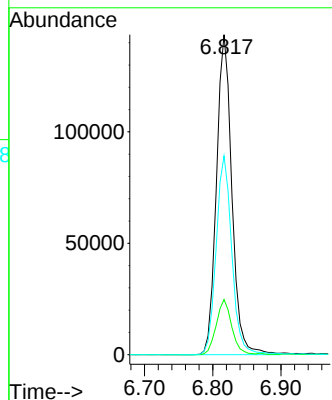
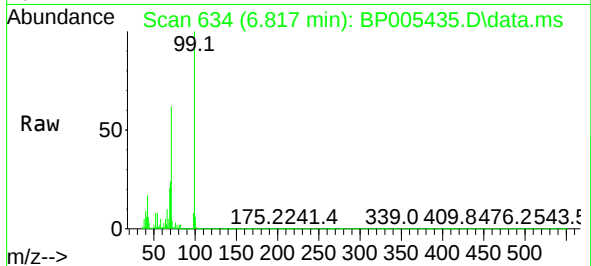




#7
Phenol-d6
Concen: 86.22 ng
RT: 6.817 min Scan# 634
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

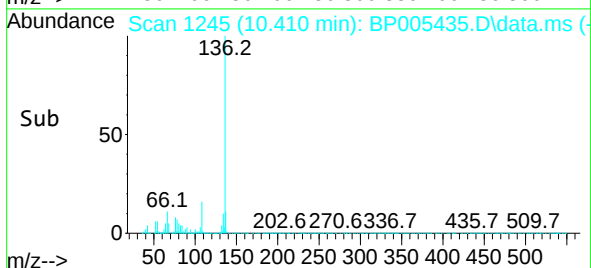
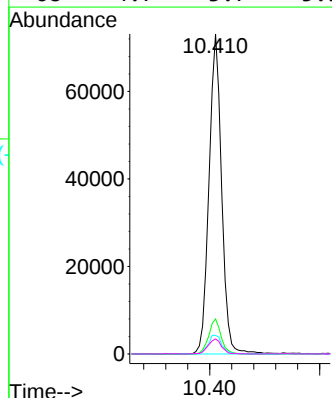
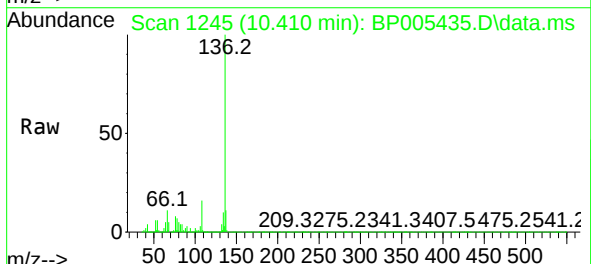
Instrument :
BNA_P
ClientSampled :
S-1

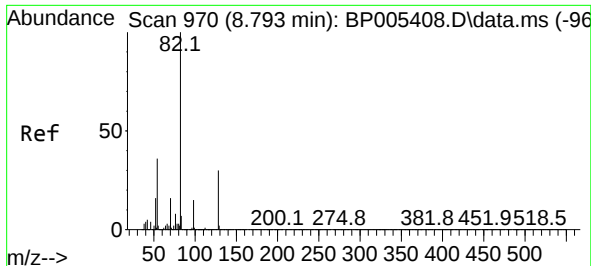
Tgt Ion: 99 Resp: 226247
Ion Ratio Lower Upper
99 100
42 17.2 12.9 19.3
71 62.1 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:136 Resp: 116422
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 5.0 7.4
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 55.17 ng

RT: 8.787 min Scan# 969

Delta R.T. -0.006 min

Lab File: BP005435.D

Acq: 30 Apr 2021 15:46

Instrument :

BNA_P

ClientSampleId :

S-1

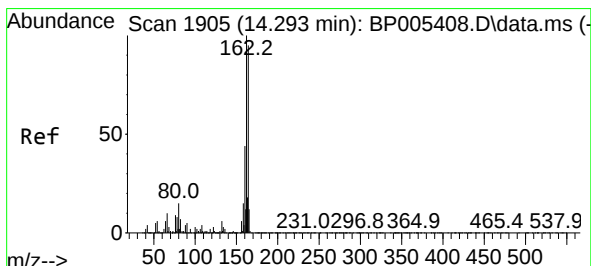
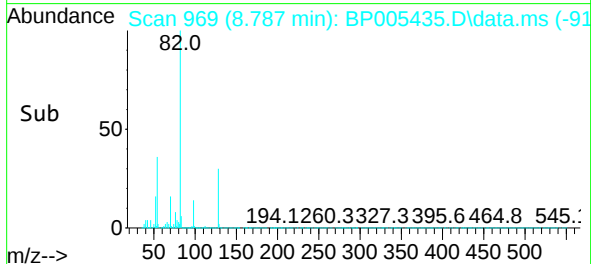
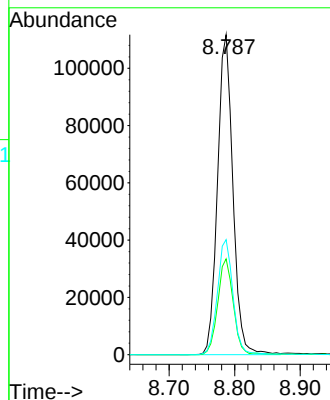
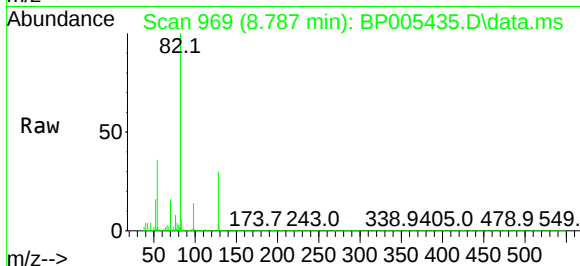
Tgt Ion: 82 Resp: 181220

Ion Ratio Lower Upper

82 100

128 30.0 30.5 45.7#

54 35.9 33.9 50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BP005435.D

Acq: 30 Apr 2021 15:46

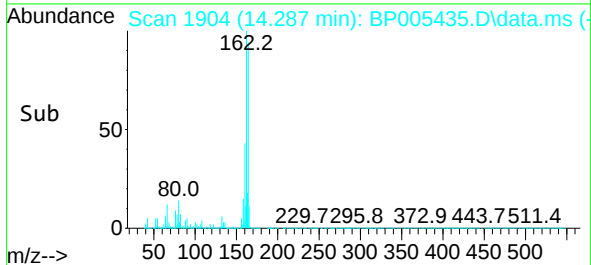
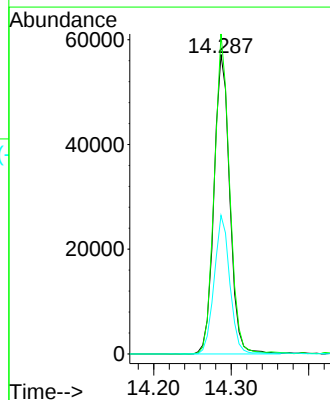
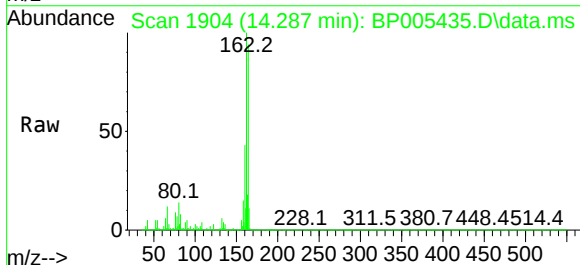
Tgt Ion: 164 Resp: 81161

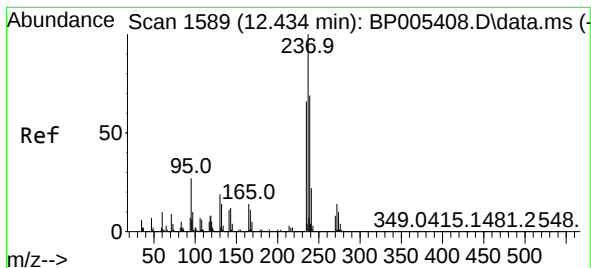
Ion Ratio Lower Upper

164 100

162 106.9 73.5 110.3

160 46.3 40.6 61.0

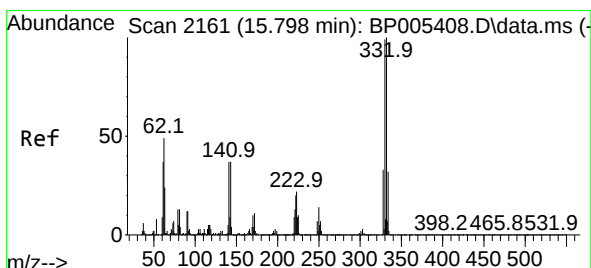
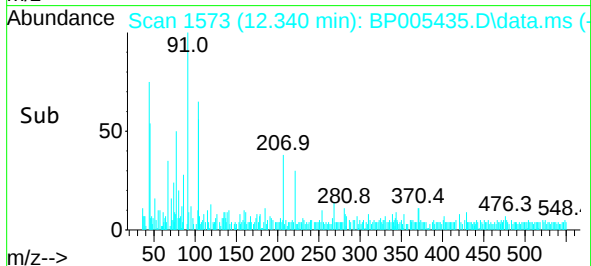
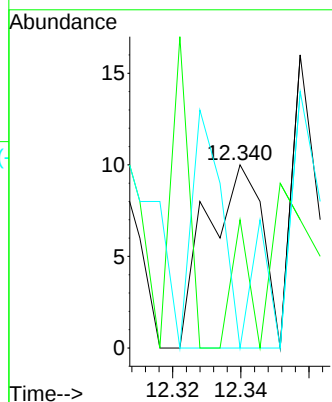
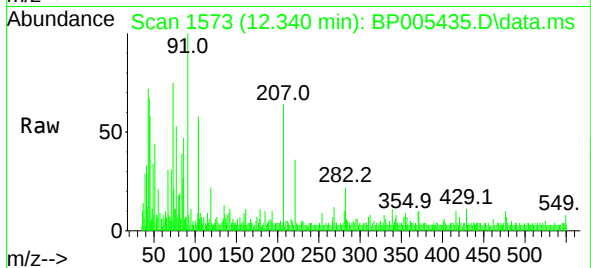




#41
Hexachlorocyclopentadiene
Concen: 8.36 ng
RT: 12.340 min Scan# 1573
Delta R.T. -0.094 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

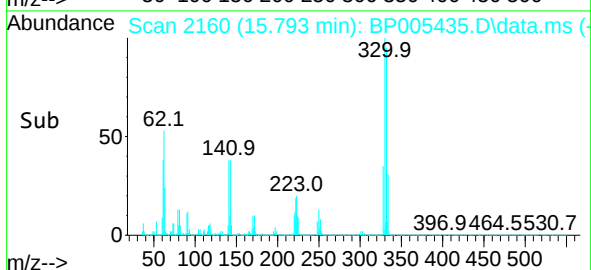
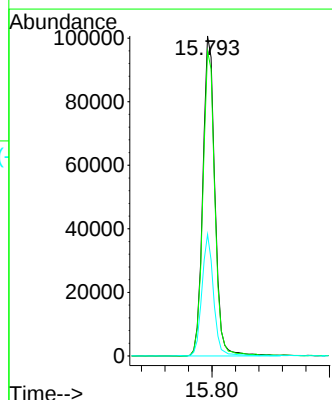
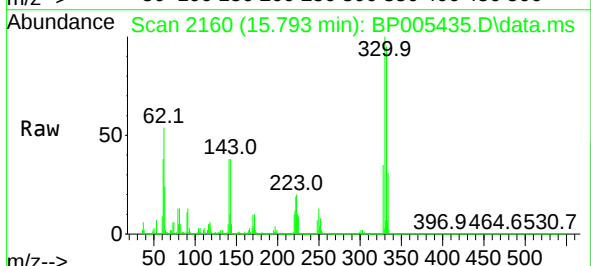
Instrument :
BNA_P
ClientSampled :
S-1

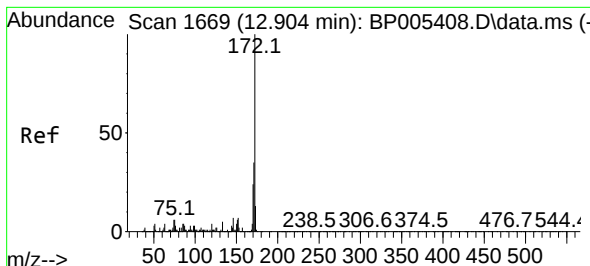
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	70.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 85.30 ng
RT: 15.793 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:	330	Resp:	143603
Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.3	114.5
141	36.4	22.8	34.2#

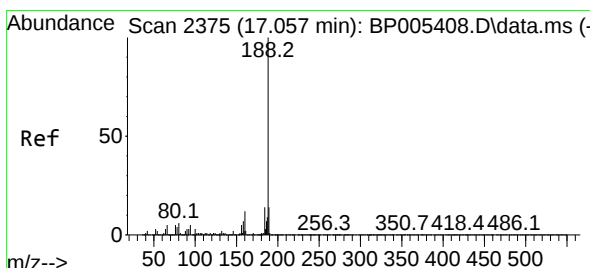
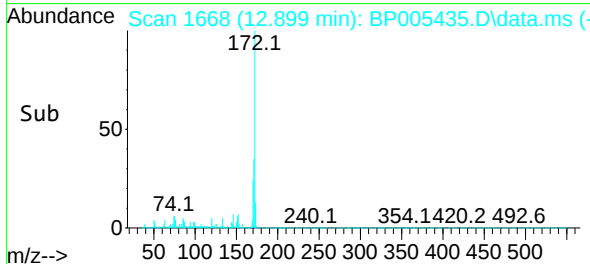
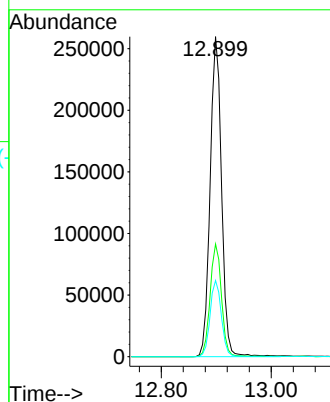
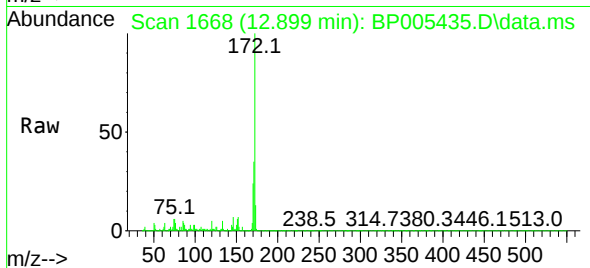




#45
2-Fluorobiphenyl
Concen: 55.03 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

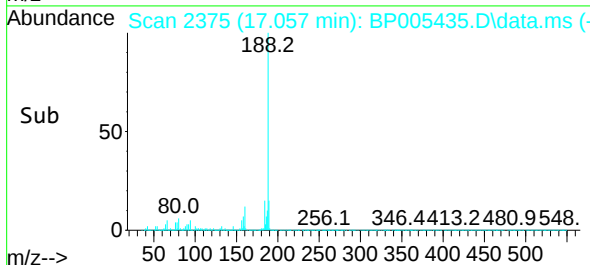
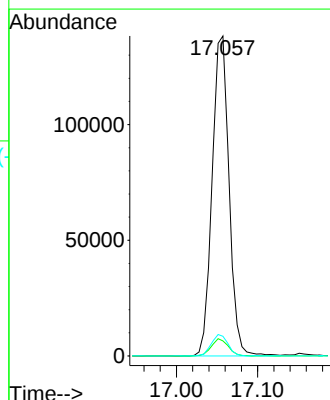
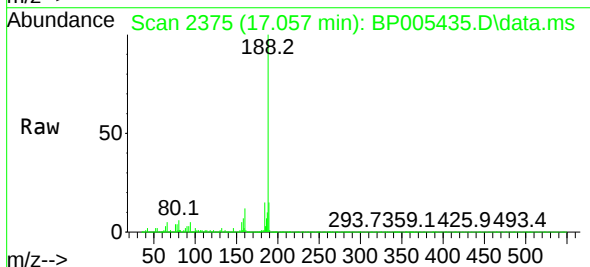
Instrument :
BNA_P
ClientSampleId :
S-1

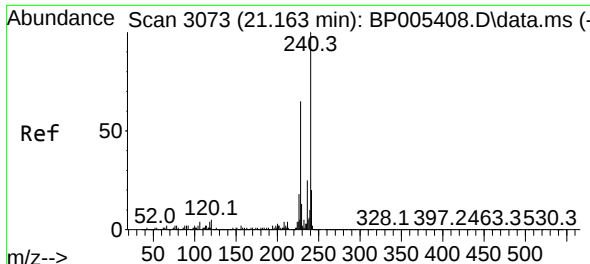
Tgt Ion:172 Resp: 374146
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:188 Resp: 200198
Ion Ratio Lower Upper
188 100
94 4.7 5.0 7.6#
80 6.1 5.9 8.9

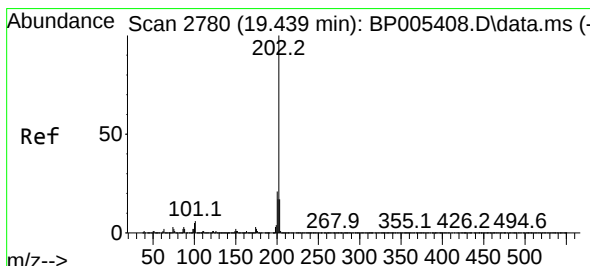
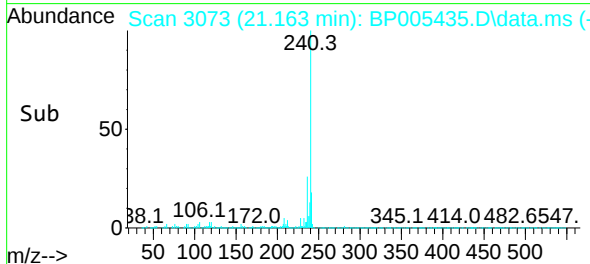
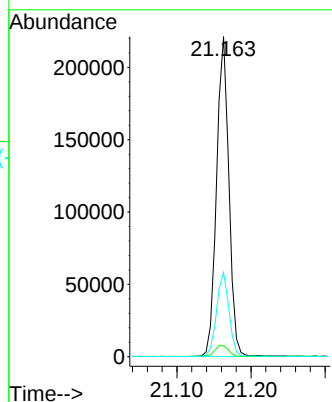
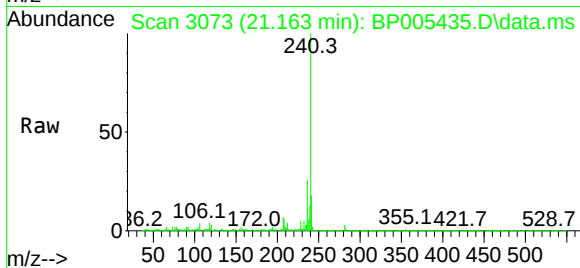




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

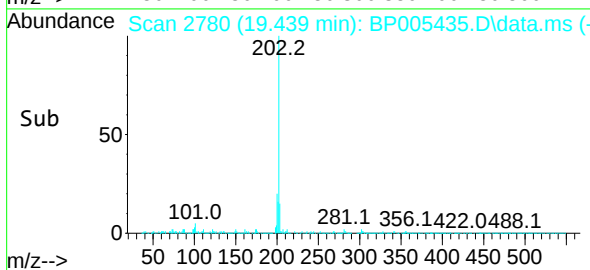
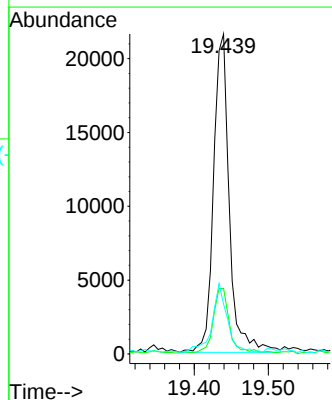
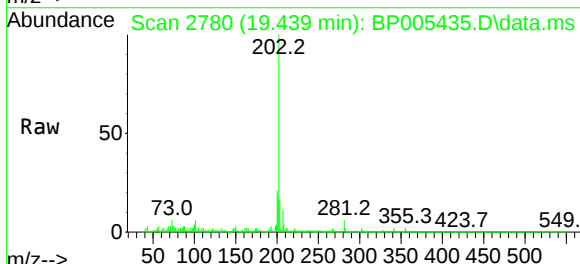
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BNA_P
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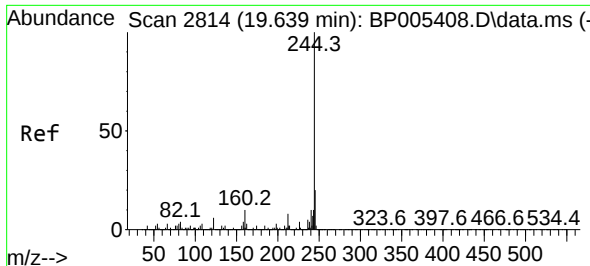
Tgt Ion:240 Resp: 255098
Ion Ratio Lower Upper
240 100
120 3.5 4.2 6.2#
236 26.4 20.2 30.2



#78
Pyrene
Concen: 2.19 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:202 Resp: 31898
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 15.6 13.8 20.6

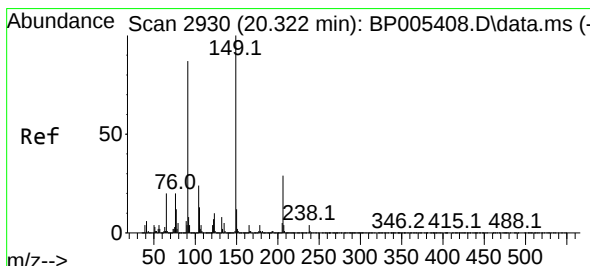
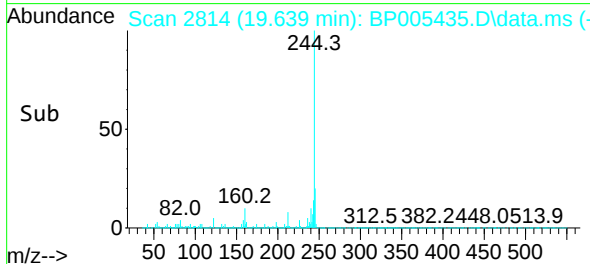
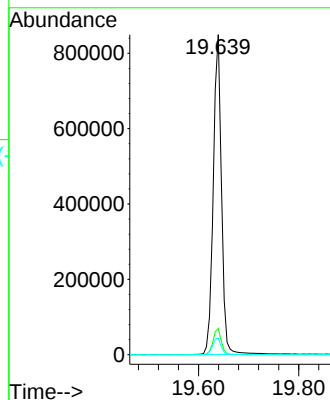
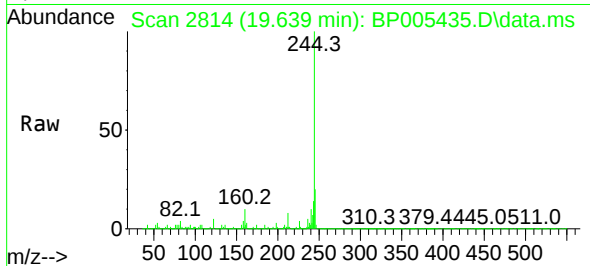




#79
Terphenyl-d14
Concen: 68.27 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

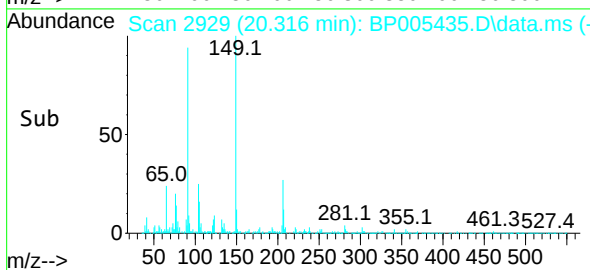
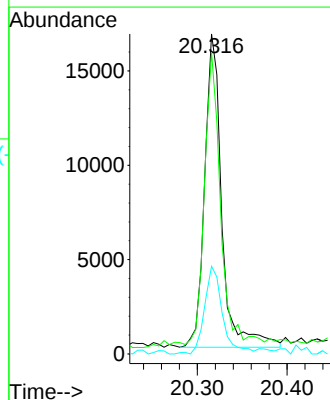
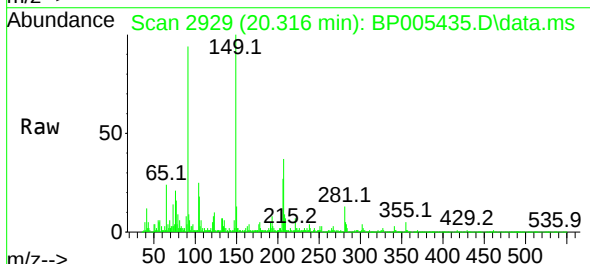
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BNA_P
ClientSampled :
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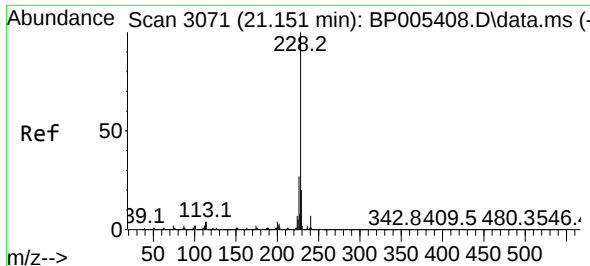
Tgt Ion:244 Resp: 969271
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 5.2 5.2 7.8



#80
Butylbenzylphthalate
Concen: 4.72 ng
RT: 20.316 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:149 Resp: 22060
Ion Ratio Lower Upper
149 100
91 94.3 60.2 90.4#
206 27.4 23.9 35.9

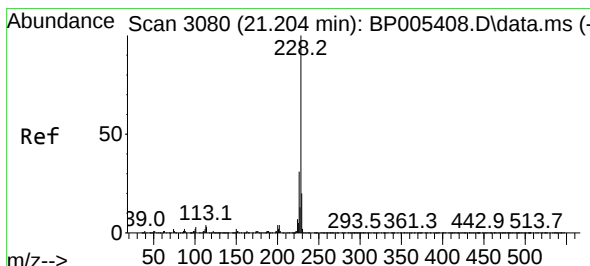
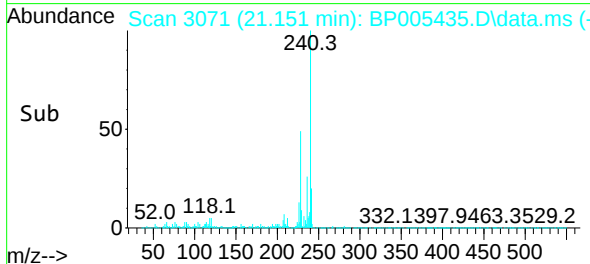
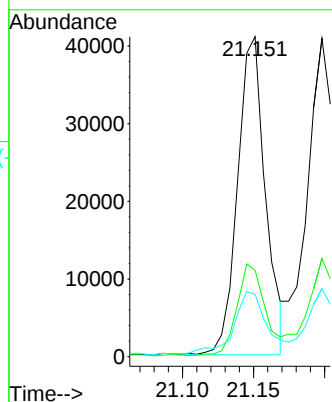
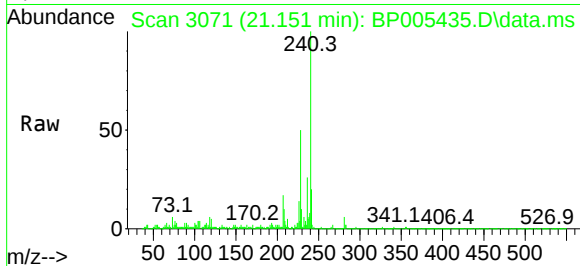




#81
Benzo(a)anthracene
Concen: 3.38 ng
RT: 21.151 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

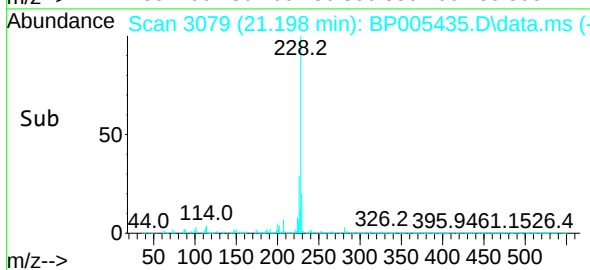
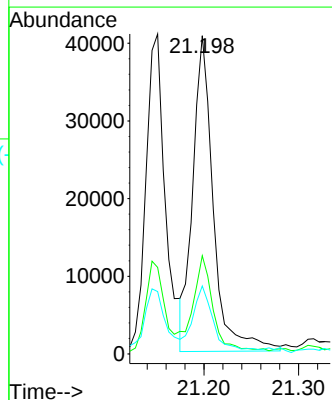
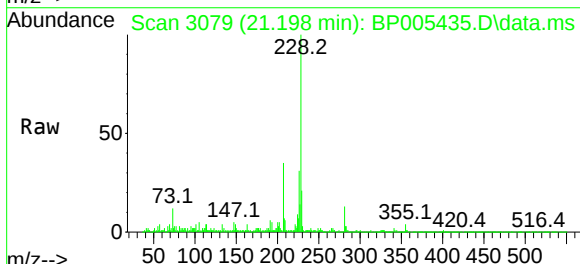
Instrument :
BNA_P
ClientSampled :
S-1

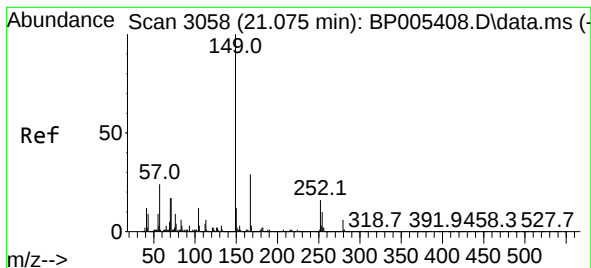
Tgt Ion:228 Resp: 55849
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.5 15.6 23.4



#83
Chrysene
Concen: 3.81 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:228 Resp: 61481
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.4 15.4 23.0

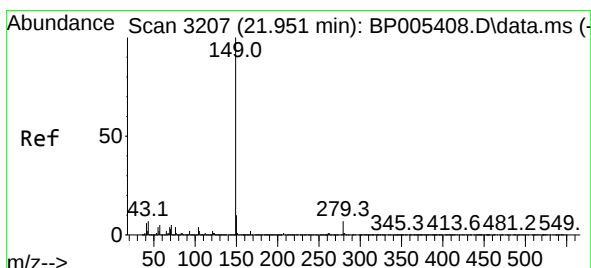
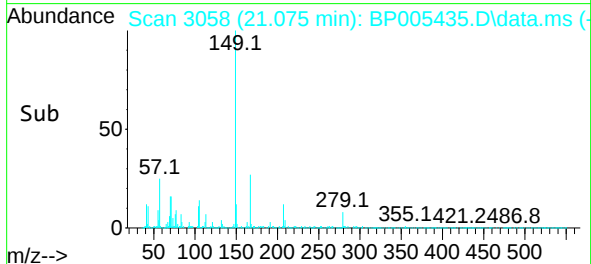
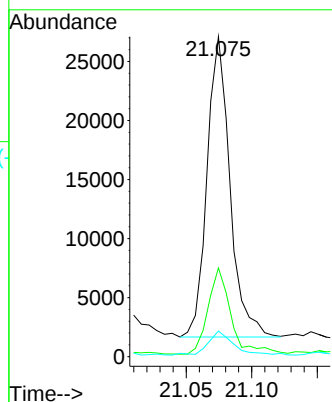
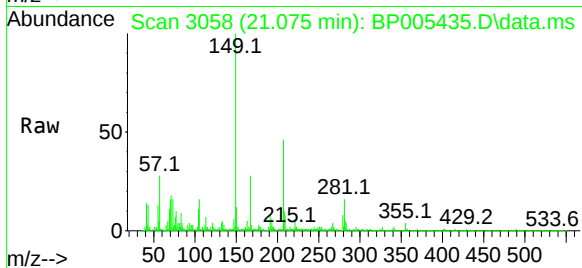




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.27 ng
RT: 21.075 min Scan# 3058
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

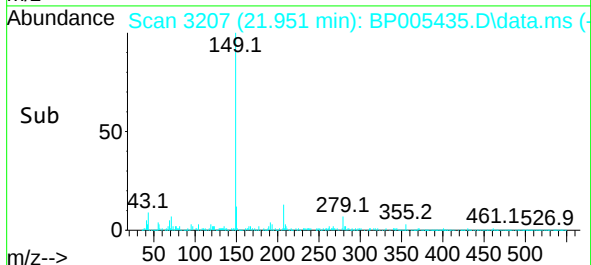
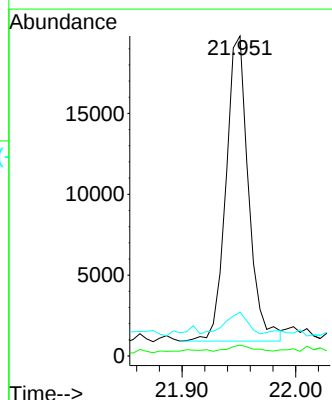
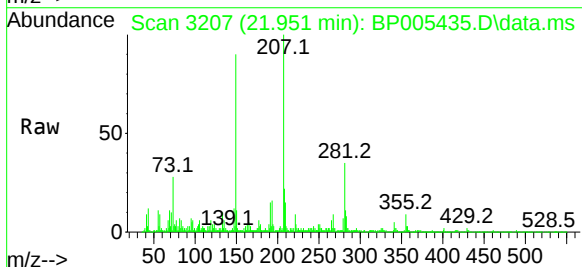
Instrument :
BNA_P
ClientSampleId :
S-1

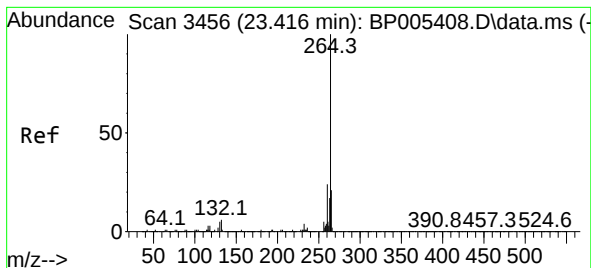
Tgt Ion:149 Resp: 30988
Ion Ratio Lower Upper
149 100
167 27.8 23.8 35.8
279 8.0 5.7 8.5



#85
Di-n-octyl phthalate
Concen: 2.11 ng
RT: 21.951 min Scan# 3207
Delta R.T. -0.000 min
Lab File: BP005435.D
Acq: 30 Apr 2021 15:46

Tgt Ion:149 Resp: 25958
Ion Ratio Lower Upper
149 100
167 2.6 1.5 2.3#
43 7.8 5.1 7.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.416 min Scan# 3456

Delta R.T. -0.000 min

Lab File: BP005435.D

Acq: 30 Apr 2021 15:46

Instrument :

BNA_P

ClientSampled :

S-1

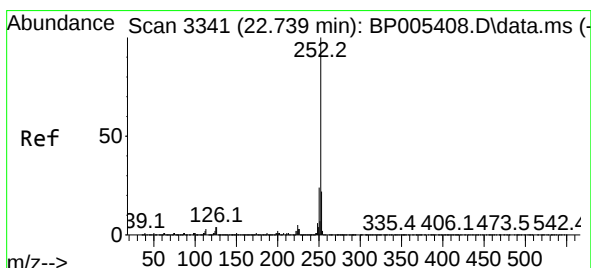
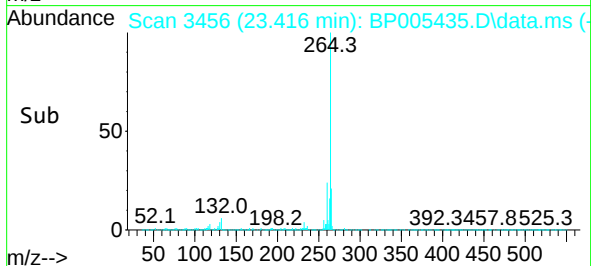
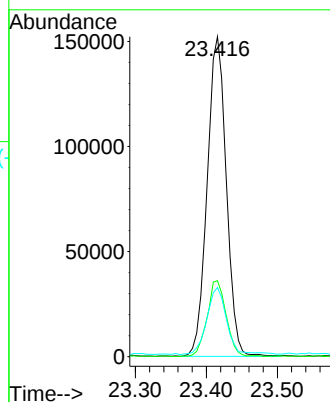
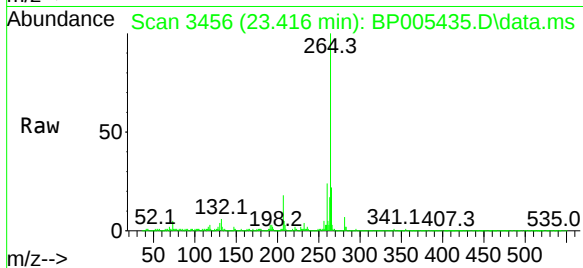
Tgt Ion:264 Resp: 284534

Ion Ratio Lower Upper

264 100

260 23.7 20.6 30.8

265 21.6 19.0 28.6



#88

Benzo(b)fluoranthene

Concen: 2.63 ng

RT: 22.733 min Scan# 3340

Delta R.T. -0.006 min

Lab File: BP005435.D

Acq: 30 Apr 2021 15:46

Tgt Ion:252 Resp: 49880

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 6.2 3.4 5.0#

