

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008280.D
 Acq On : 08 Dec 2021 15:00
 Operator : CG/JU
 Sample : M4953-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A1513

Quant Time: Dec 09 01:19:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

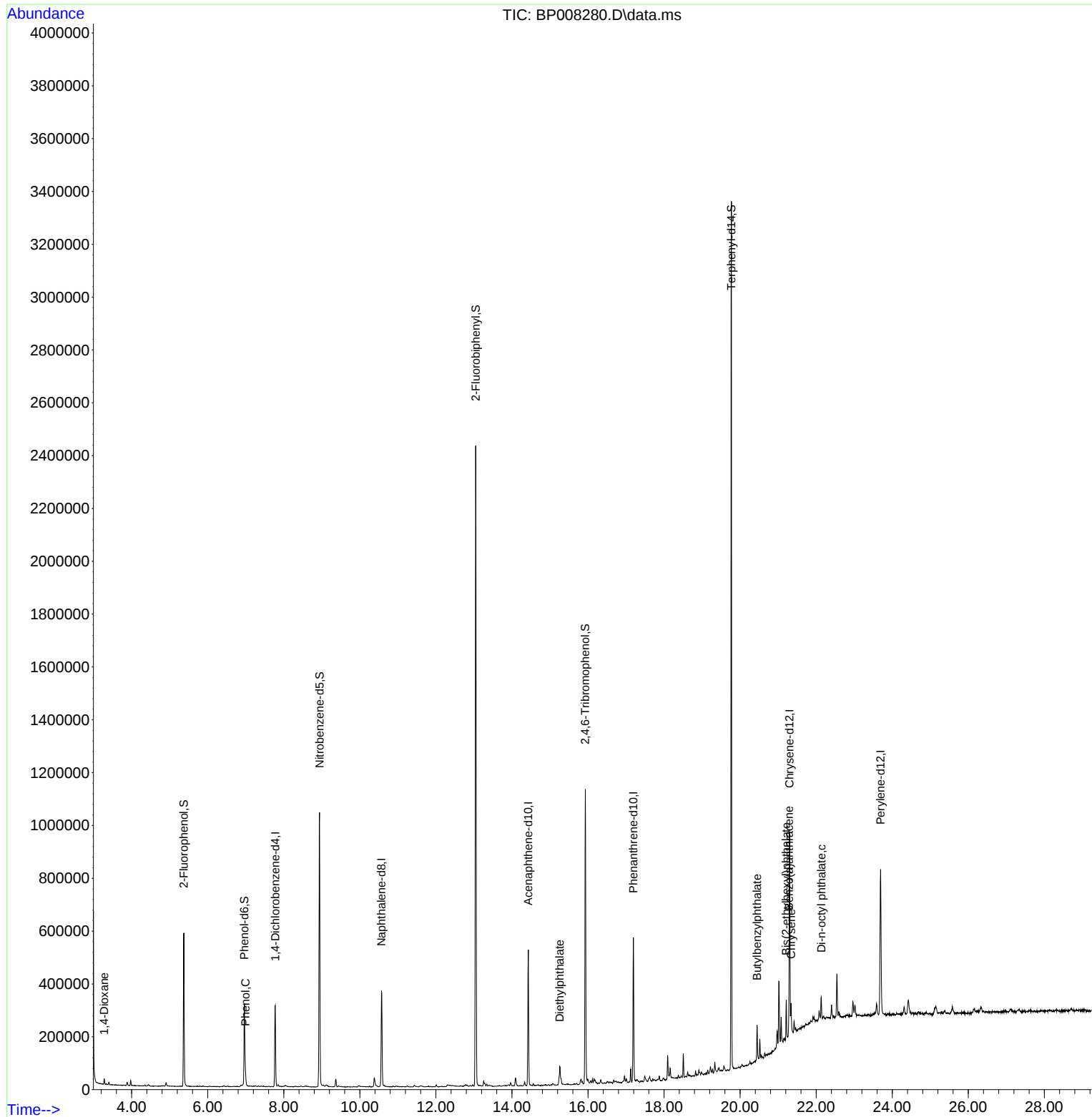
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	79960	20.000	ng	-0.02
21) Naphthalene-d8	10.569	136	286563	20.000	ng	-0.03
39) Acenaphthene-d10	14.428	164	170924	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	320396	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	361604	20.000	ng	-0.02
86) Perylene-d12	23.692	264	432332	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	223922	45.089	ng	-0.02
7) Phenol-d6	6.963	99	179287	26.743	ng	-0.02
23) Nitrobenzene-d5	8.940	82	606874	96.302	ng	-0.02
42) 2,4,6-Tribromophenol	15.928	330	208083	95.246	ng	-0.02
45) 2-Fluorobiphenyl	13.046	172	1206889	102.563	ng	-0.02
79) Terphenyl-d14	19.769	244	1518576	87.767	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	9609	4.147	ng	97
10) Phenol	6.993	94	20763	3.014	ng	94
60) Diethylphthalate	15.257	149	47350	3.718	ng	98
80) Butylbenzylphthalate	20.445	149	38249	3.715	ng	100
81) Benzo(a)anthracene	21.286	228	63764	2.661	ng	99
83) Chrysene	21.339	228	71808	3.149	ng	98
84) Bis(2-ethylhexyl)phtha...	21.210	149	53682	3.434	ng	99
85) Di-n-octyl phthalate	22.133	149	59675	2.247	ng	# 93

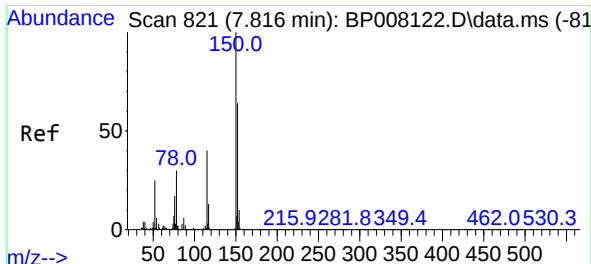
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

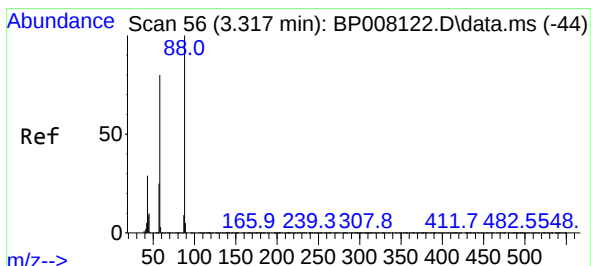
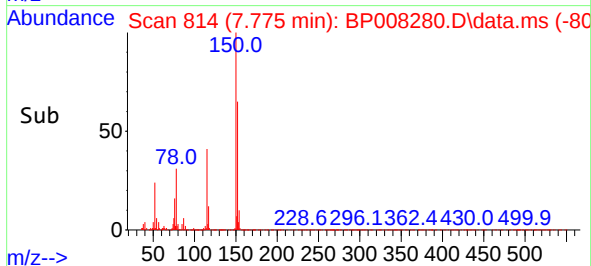
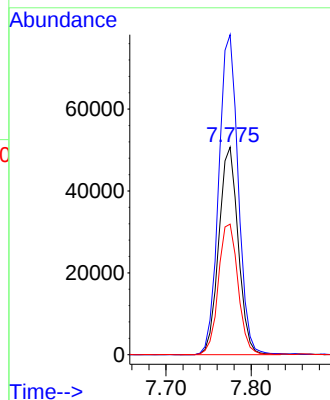
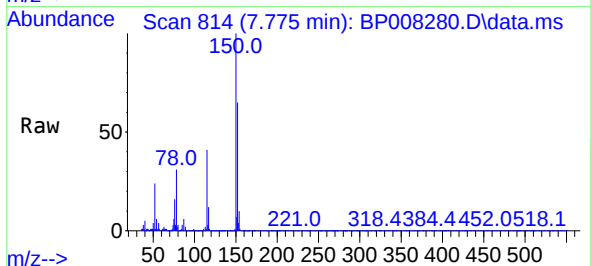




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP008280.D
 Acq: 08 Dec 2021 15:00

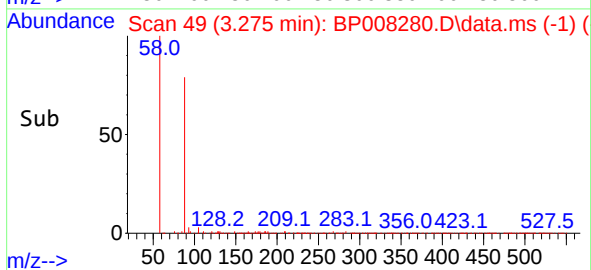
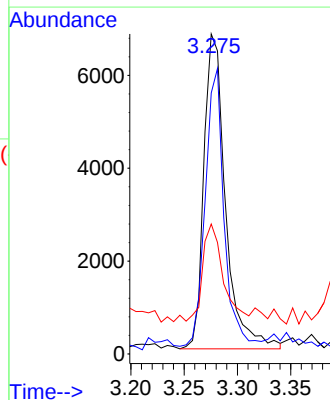
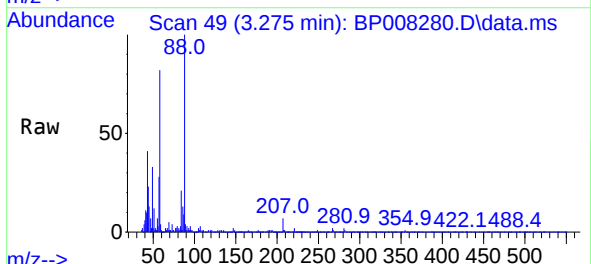
Instrument :
 BNA_P
 ClientSampleId :
 A1513

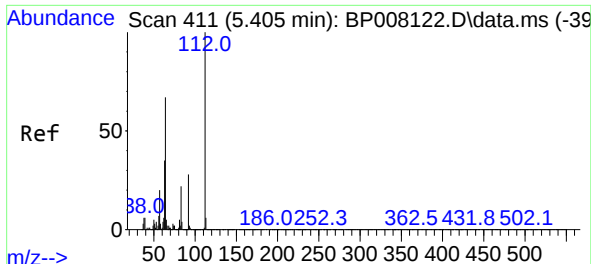
Tgt Ion:152 Resp: 79960
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.7 188.5
 115 62.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: 4.147 ng
 RT: 3.275 min Scan# 49
 Delta R.T. -0.018 min
 Lab File: BP008280.D
 Acq: 08 Dec 2021 15:00

Tgt Ion: 88 Resp: 9609
 Ion Ratio Lower Upper
 88 100
 58 76.8 63.5 95.3
 43 28.7 23.4 35.2

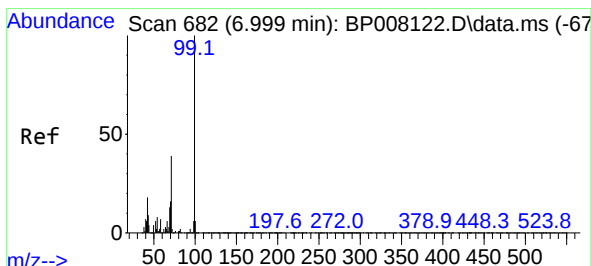
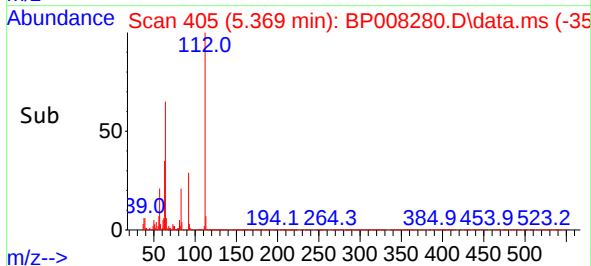
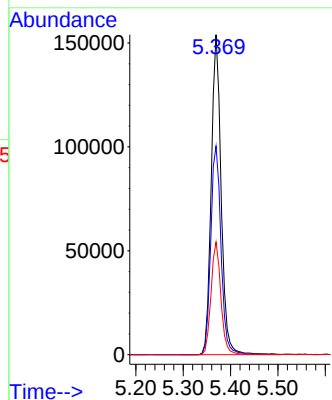
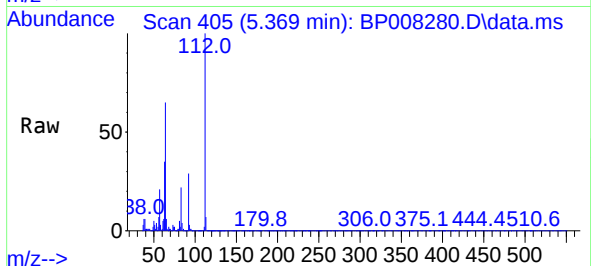




#5
2-Fluorophenol
Concen: 45.089 ng
RT: 5.369 min Scan# 40
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

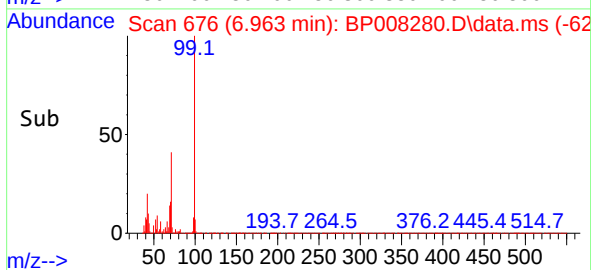
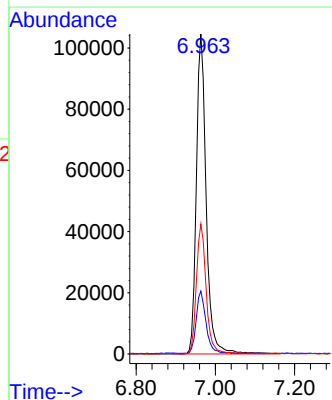
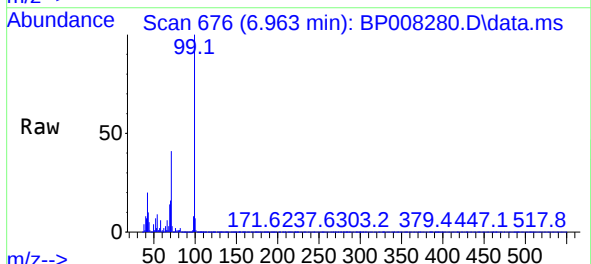
Instrument :
BNA_P
ClientSampleId :
A1513

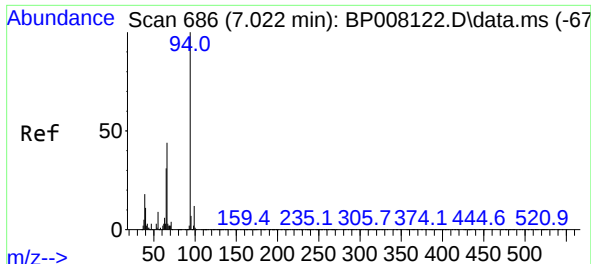
Tgt Ion:112 Resp: 223922
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 35.2 27.8 41.8



#7
Phenol-d6
Concen: 26.743 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion: 99 Resp: 179287
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 40.6 31.1 46.7

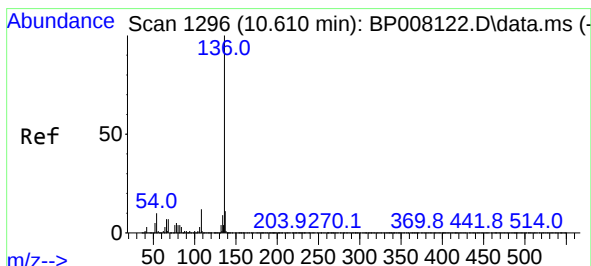
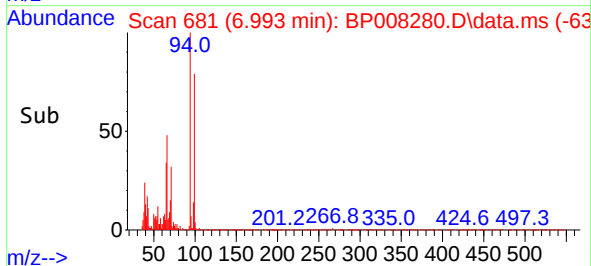
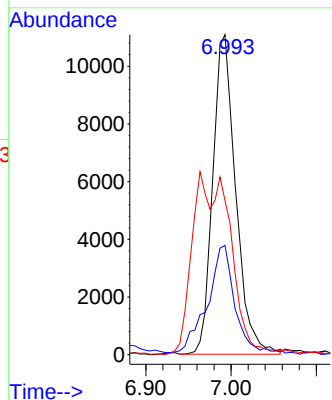
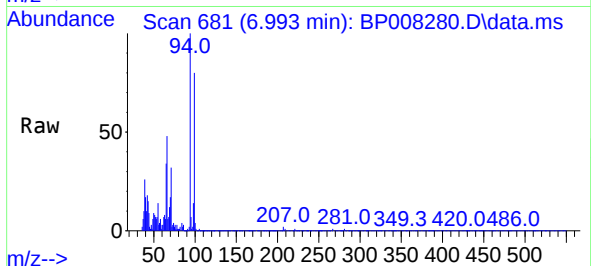




#10
Phenol
Concen: 3.014 ng
RT: 6.993 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

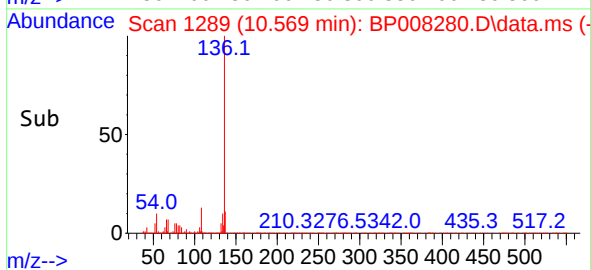
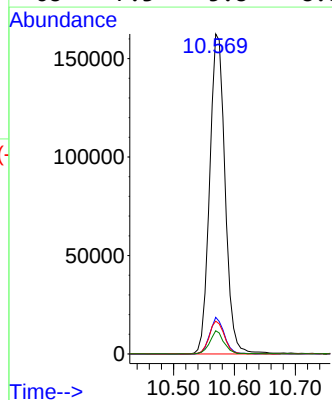
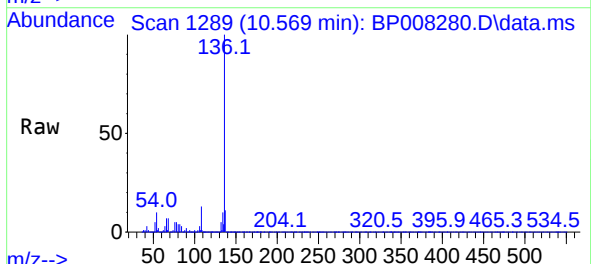
Instrument :
BNA_P
ClientSampleId :
A1513

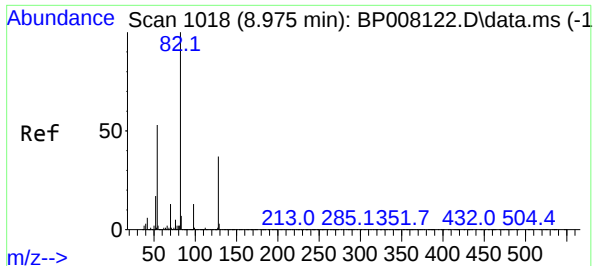
Tgt Ion: 94 Resp: 20763
Ion Ratio Lower Upper
94 100
65 34.2 10.9 50.9
66 48.2 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.029 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion: 136 Resp: 286563
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.3 8.2 12.4
68 7.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 96.302 ng

RT: 8.940 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BP008280.D

Acq: 08 Dec 2021 15:00

Instrument :

BNA_P

ClientSampleId :

A1513

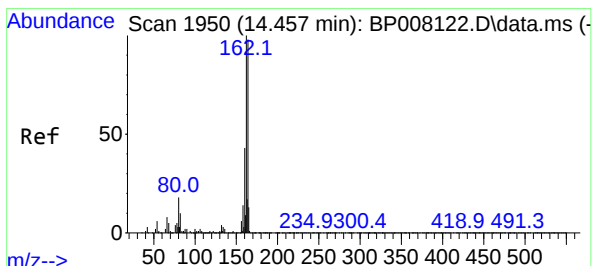
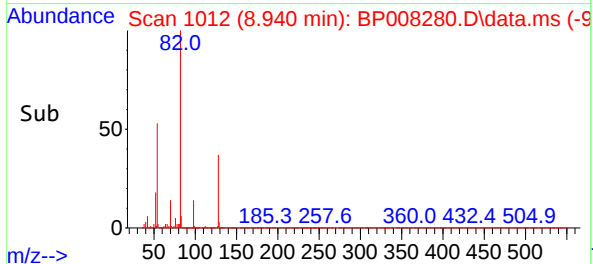
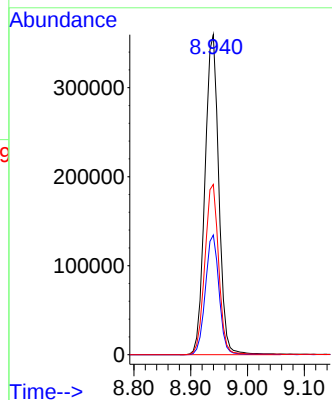
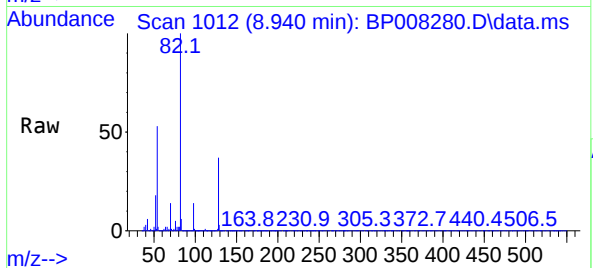
Tgt Ion: 82 Resp: 606874

Ion Ratio Lower Upper

82 100

128 37.4 29.6 44.4

54 53.2 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BP008280.D

Acq: 08 Dec 2021 15:00

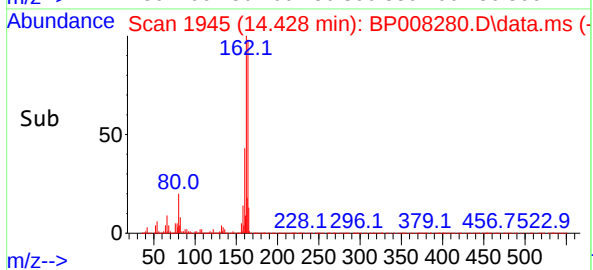
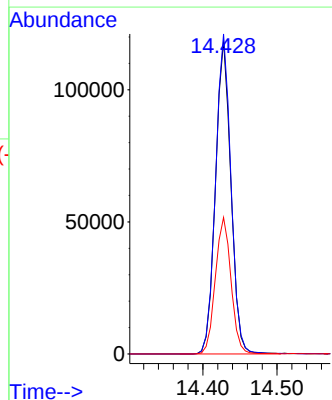
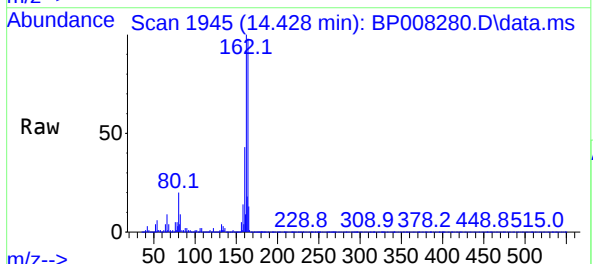
Tgt Ion:164 Resp: 170924

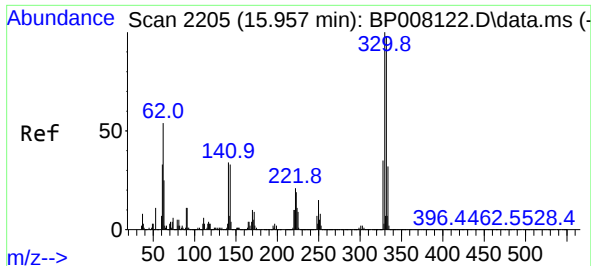
Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 43.6 35.4 53.0

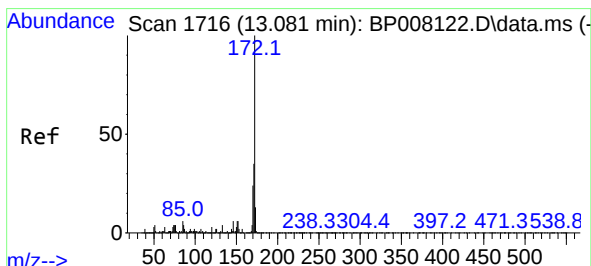
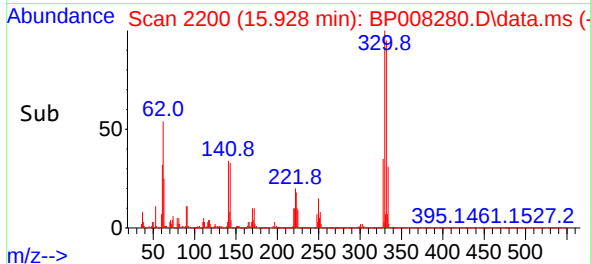
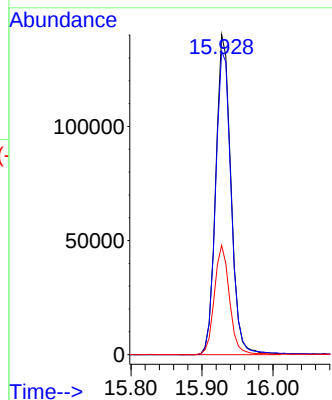
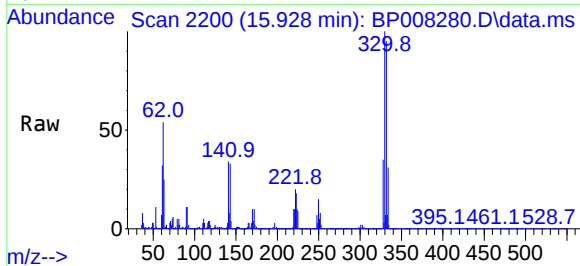




#42
2,4,6-Tribromophenol
Concen: 95.246 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

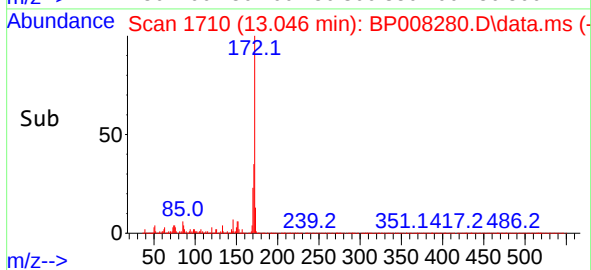
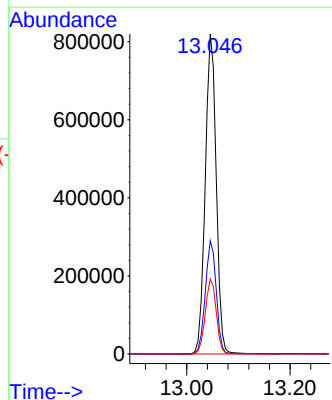
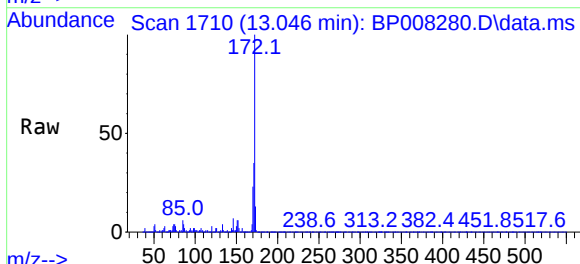
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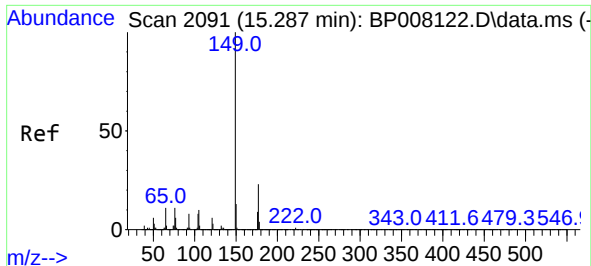
Tgt Ion:330 Resp: 208083
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 34.3 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 102.563 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:172 Resp: 1206889
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.3 18.9 28.3

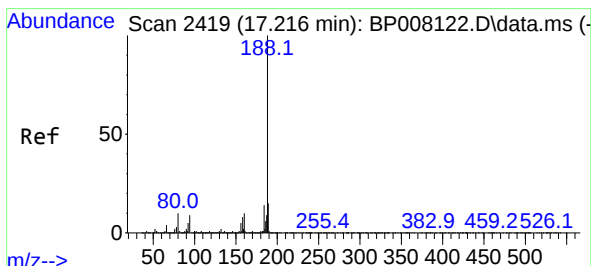
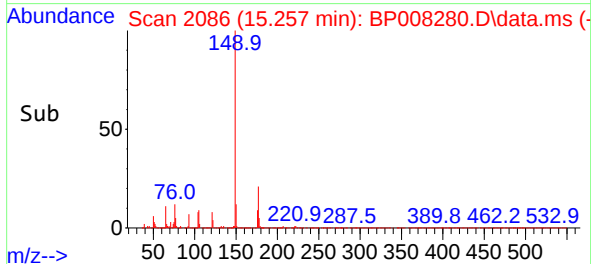
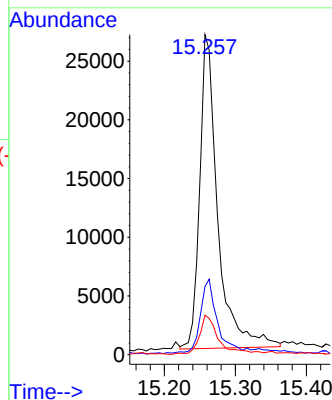
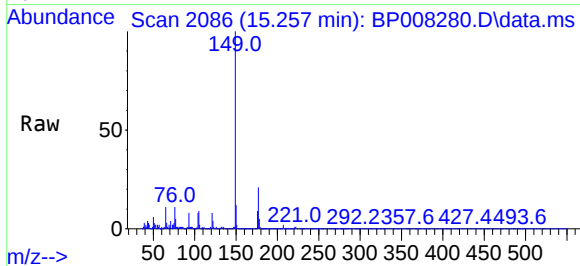




#60
Diethylphthalate
Concen: 3.718 ng
RT: 15.257 min Scan# 2091
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

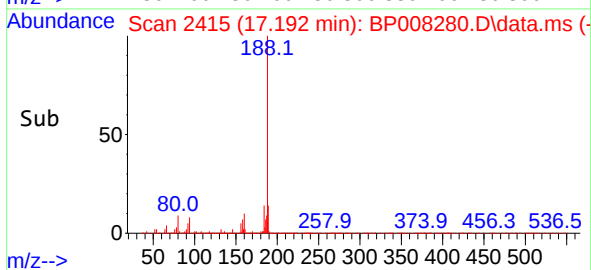
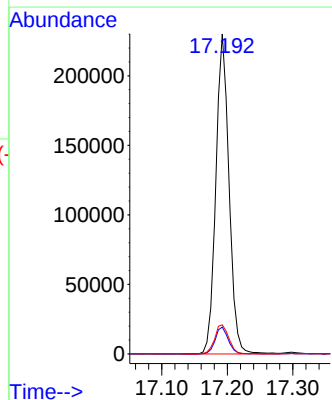
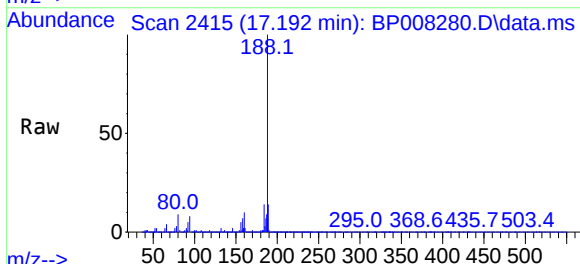
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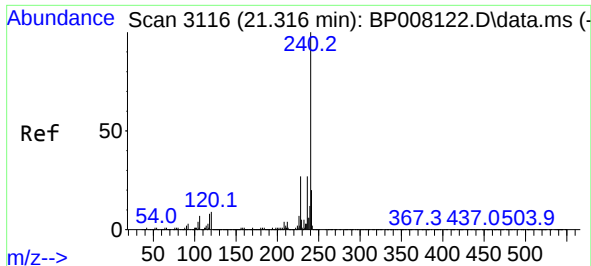
Tgt Ion:	149	Resp:	47350
Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.2	27.2
150	12.3	10.3	15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:	188	Resp:	320396
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.1	8.2	12.4

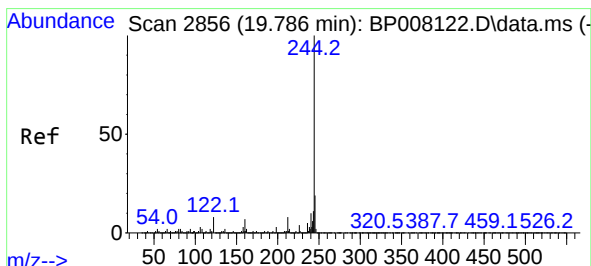
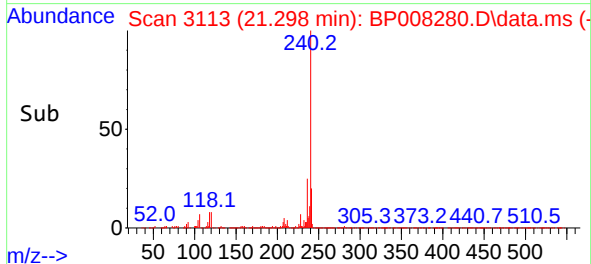
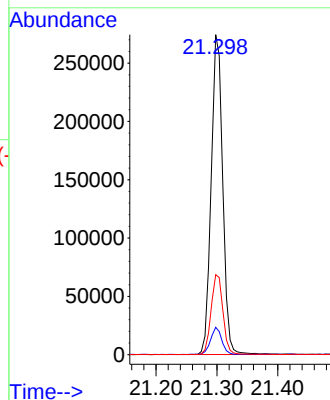
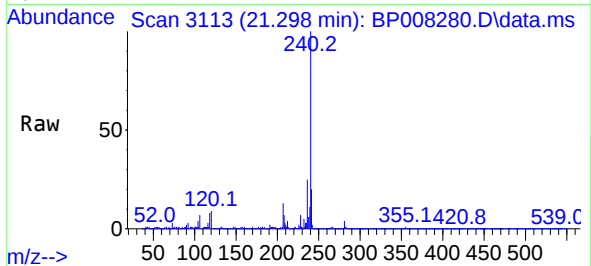




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

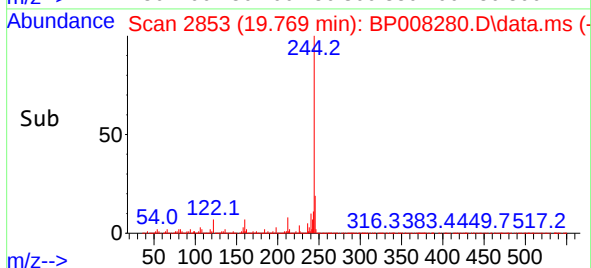
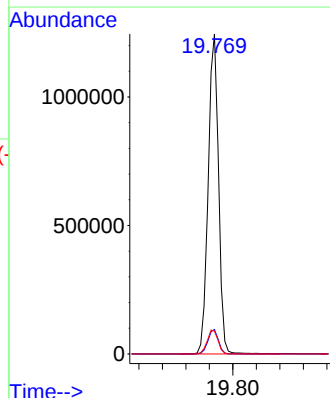
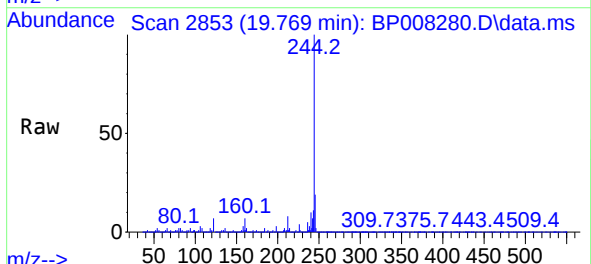
Instrument :
BNA_P
ClientSampleId :
A1513

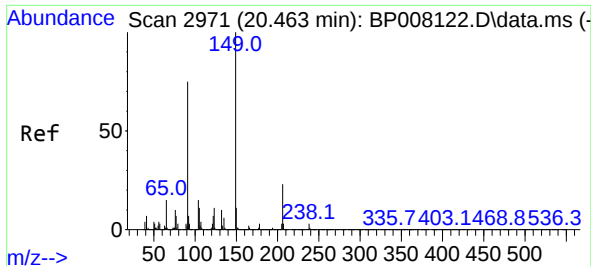
Tgt Ion:240 Resp: 361604
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 25.0 21.4 32.2



#79
Terphenyl-d14
Concen: 87.767 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:244 Resp: 1518576
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.1 6.6 9.8

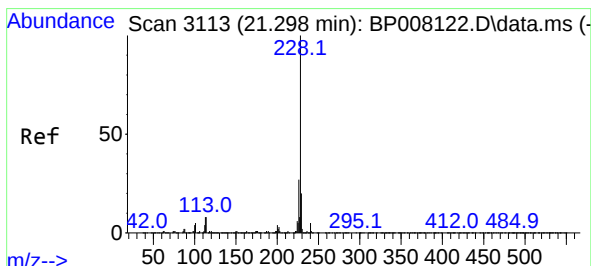
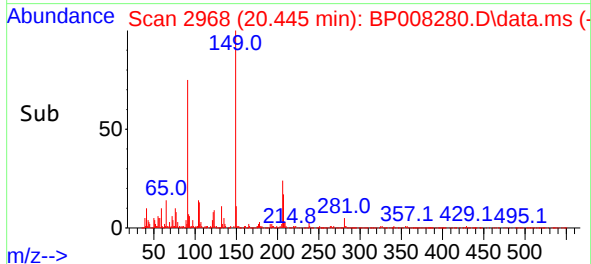
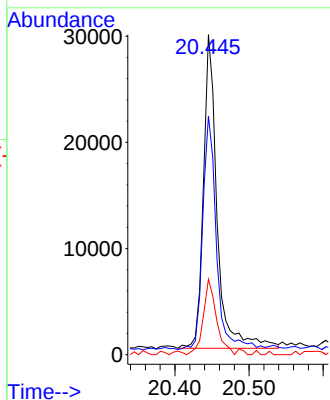
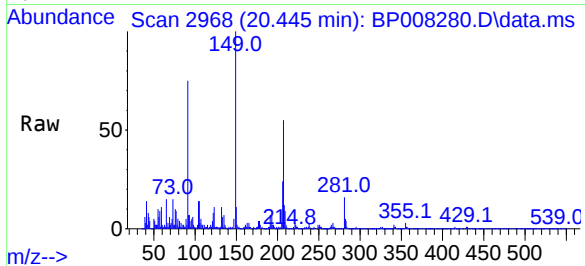




#80
Butylbenzylphthalate
Concen: 3.715 ng
RT: 20.445 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

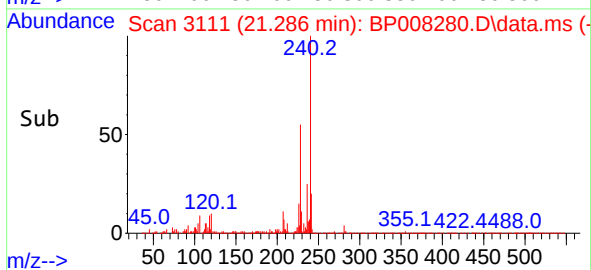
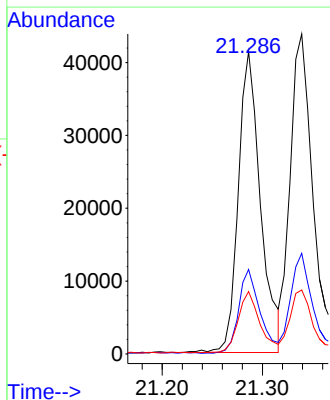
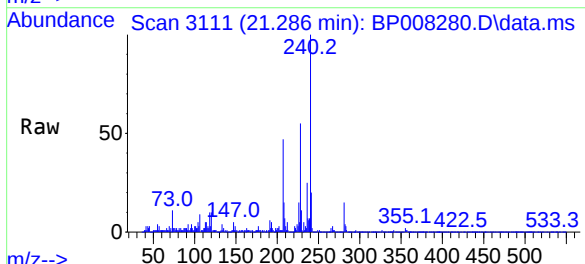
Instrument :
BNA_P
ClientSampleId :
A1513

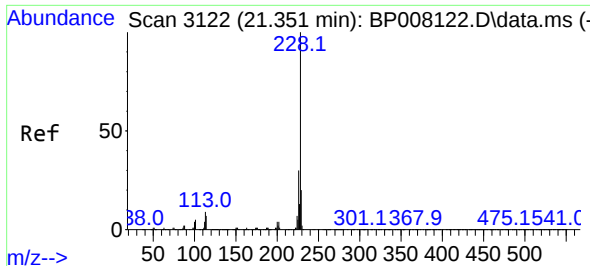
Tgt Ion:	149	Resp:	38249
Ion Ratio	Lower	Upper	
149	100		
91	74.6	59.8	89.8
206	23.6	18.6	27.8



#81
Benzo(a)anthracene
Concen: 2.661 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:	228	Resp:	63764
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.9	32.9
229	20.6	15.9	23.9

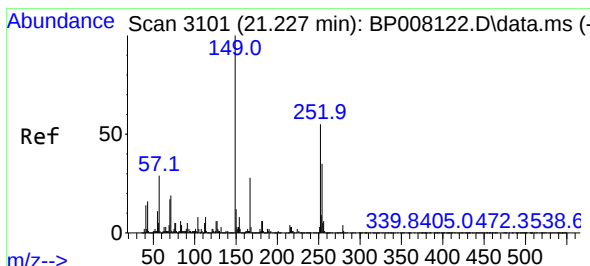
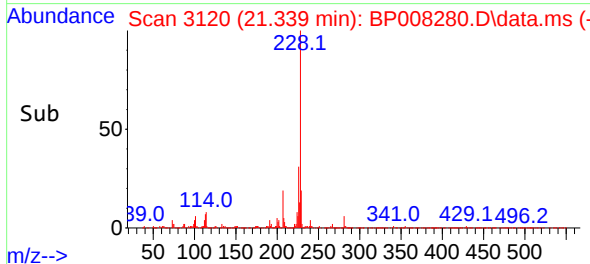
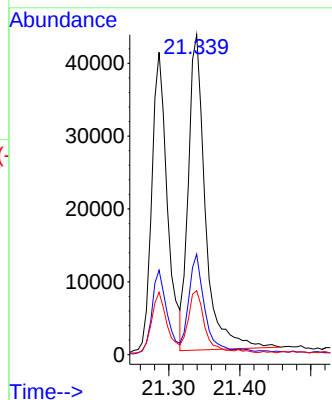
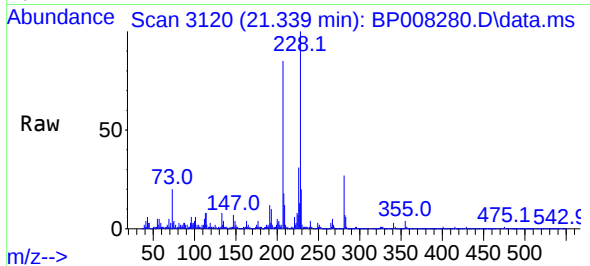




#83
Chrysene
Concen: 3.149 ng
RT: 21.339 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

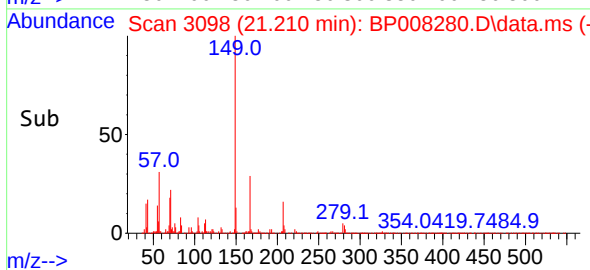
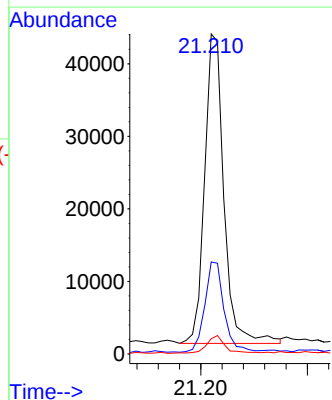
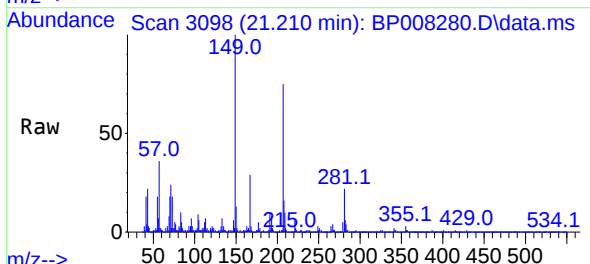
Instrument :
BNA_P
ClientSampleId :
A1513

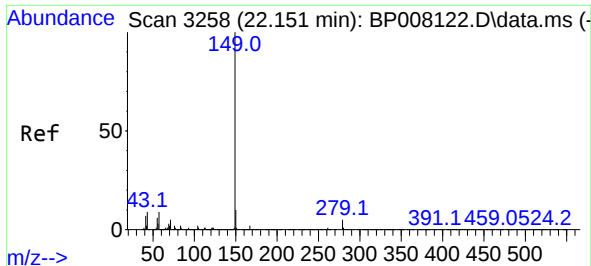
Tgt Ion:228	Resp:	71808
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.0 36.0
229	20.0	15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.434 ng
RT: 21.210 min Scan# 3098
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:149	Resp:	53682
Ion Ratio	Lower	Upper
149	100	
167	28.7	22.5 33.7
279	4.7	3.5 5.3

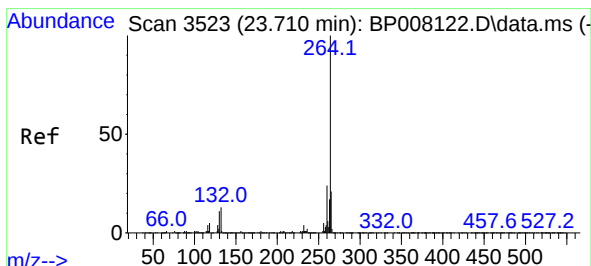
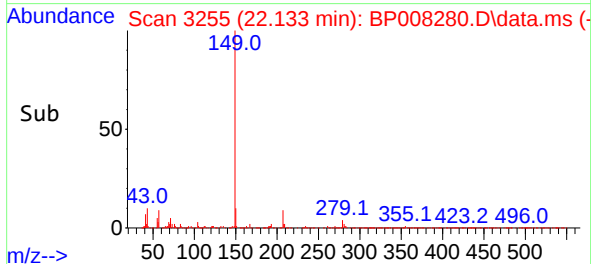
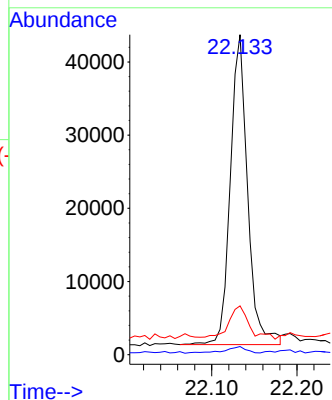
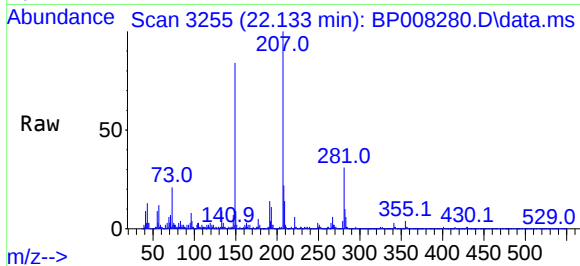




#85
Di-n-octyl phthalate
Concen: 2.247 ng
RT: 22.133 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Instrument :
BNA_P
ClientSampleId :
A1513

Tgt Ion:149 Resp: 59675
Ion Ratio Lower Upper
149 100
167 2.7 1.3 1.9#
43 12.9 7.9 11.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

Tgt Ion:264 Resp: 432332
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 22.5 17.6 26.4

