

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)

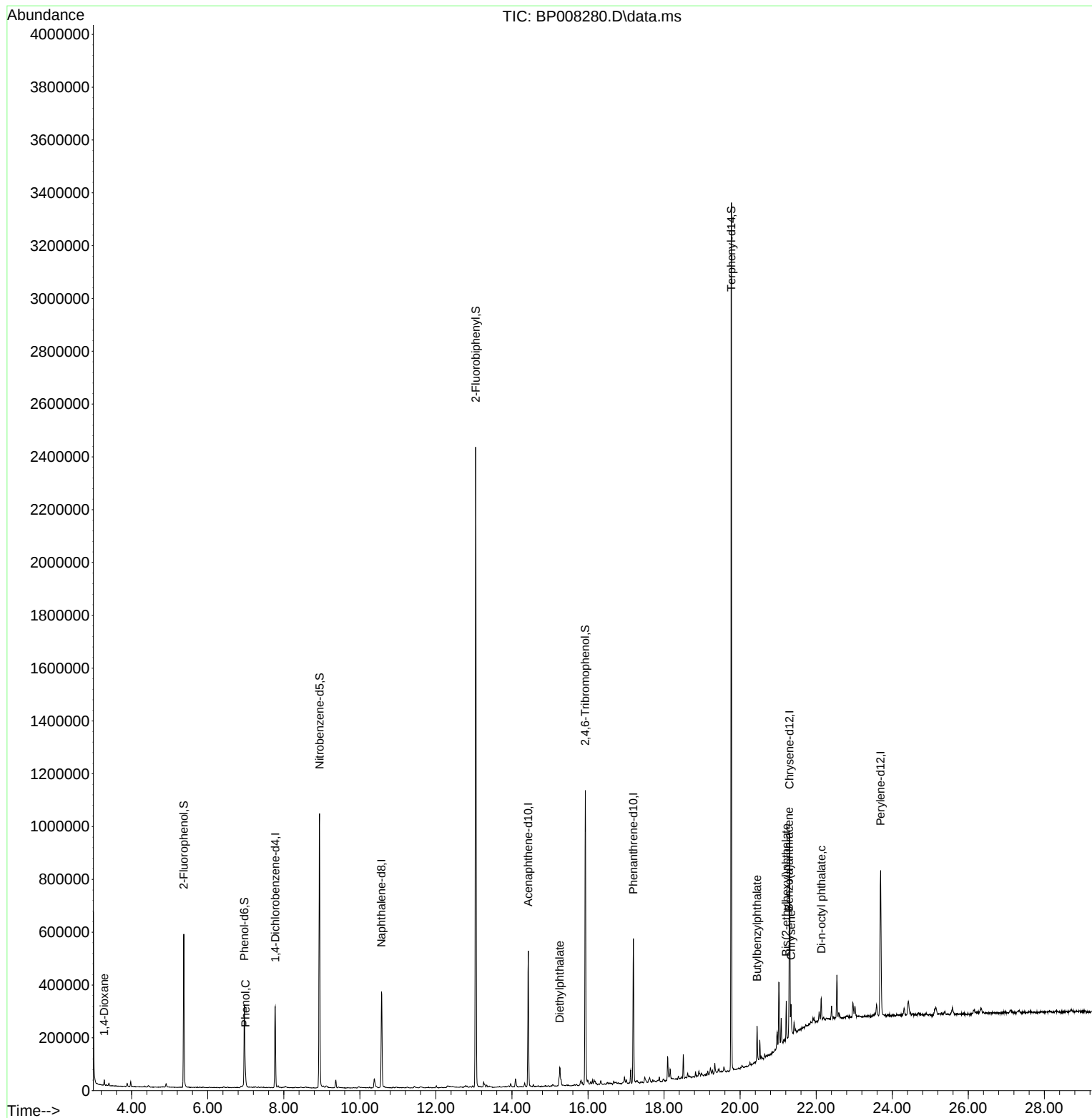
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	79960	20.000	ng	-0.02
21) Naphthalene-d8	10.569	136	286563	20.000	ng	-0.03
39) Acenaphthene-d10	14.428	164	170924	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	320396	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	361604	20.000	ng	-0.02
86) 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
9) Benzaldehyde	6.916	77	170	Below Cal	#	60
10) Phenol	6.993	94	20763	3.014	ng	94
60) Diethylphthalate	15.257	149	47350	3.718	ng	98
78) Pyrene	19.575	202	14118	Below Cal	#	91
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

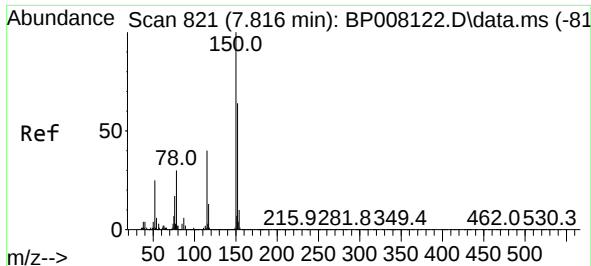
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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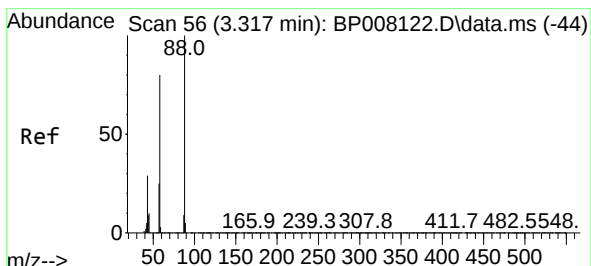
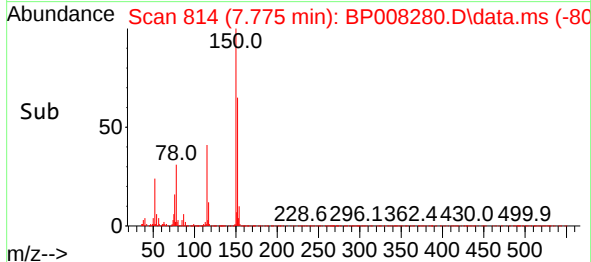
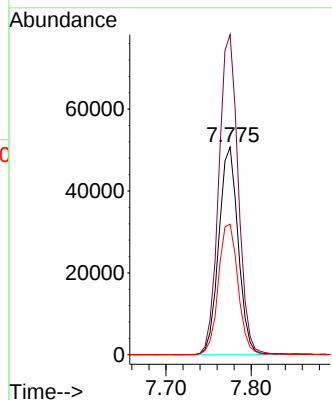
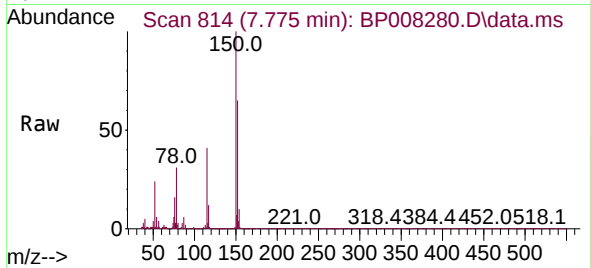




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP008280.D
 Acq: 08 Dec 2021 15:00

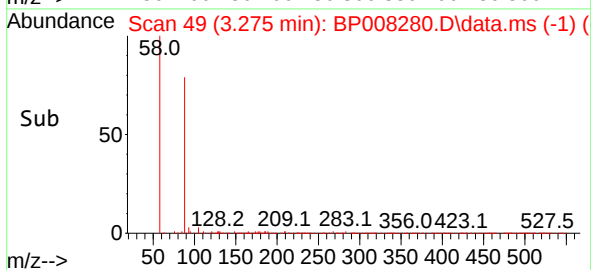
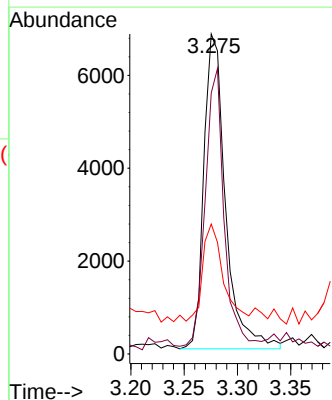
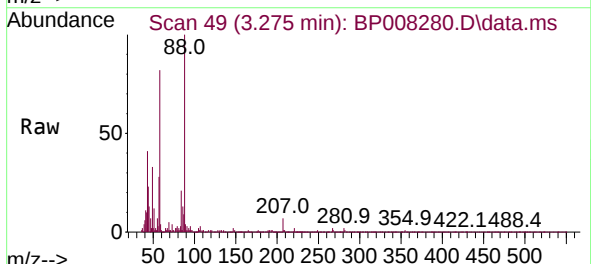
Instrument :
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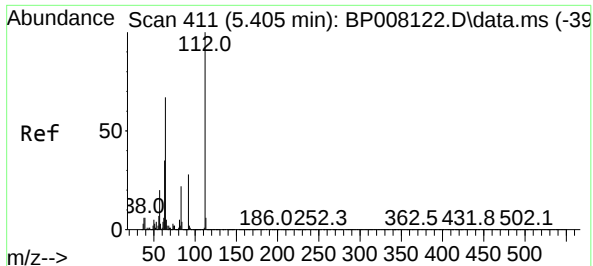
Tgt Ion:152 Resp: 79960
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.7 188.5
 115 62.9 50.7 76.1



#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

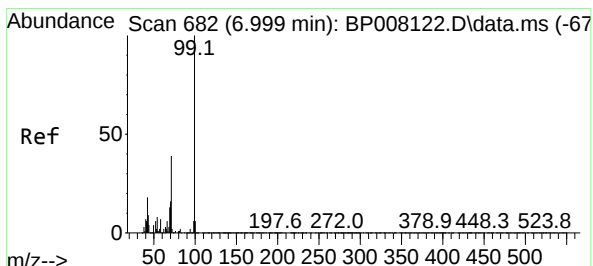
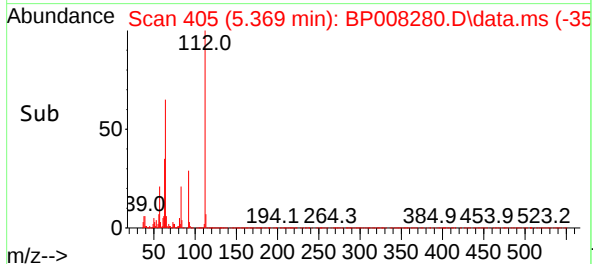
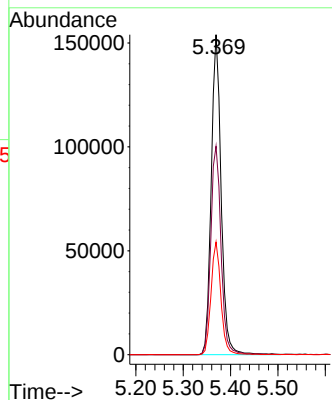
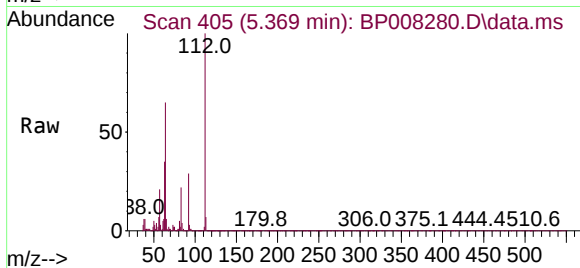




#5
2-Fluorophenol
Concen: 45.089 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

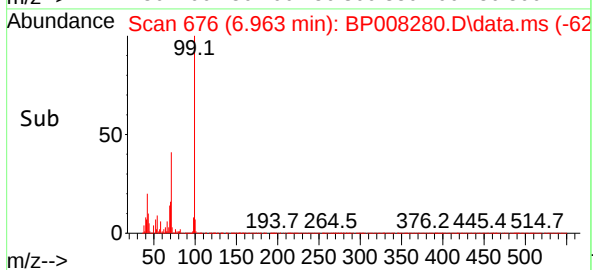
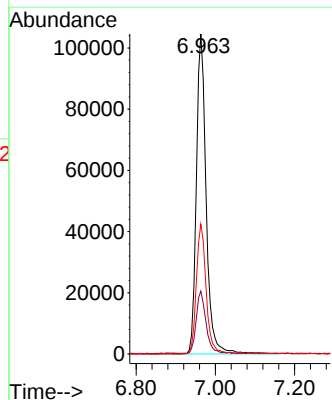
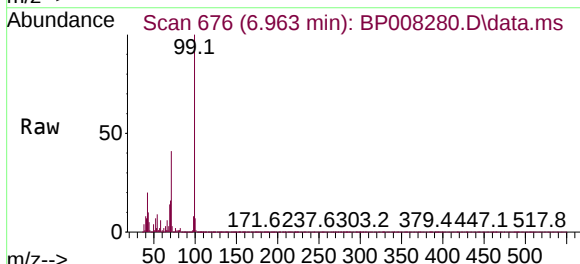
Instrument :
BNA_P
Client SampleId :
A1513

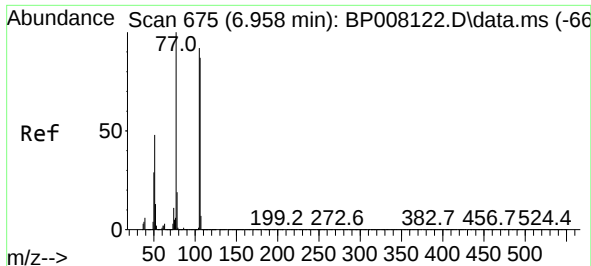
Tgt Ion: 112 Resp: 223922
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 35.2 27.8 41.8



#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

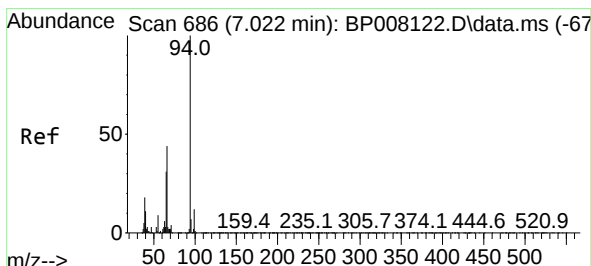
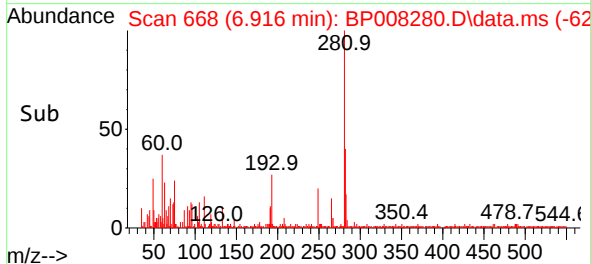
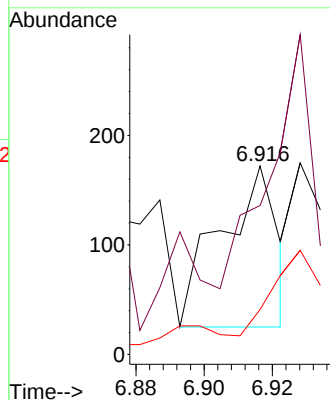
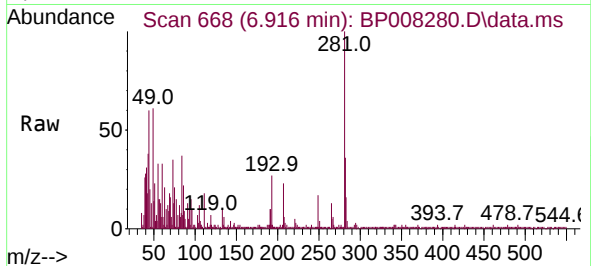




#9
Benzaldehyde
Concen: Below Cal
RT: 6.916 min Scan# 60
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

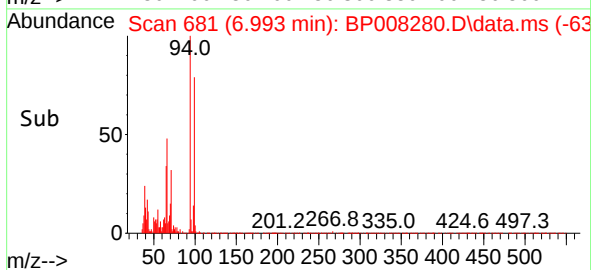
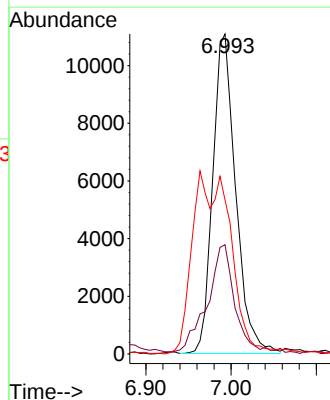
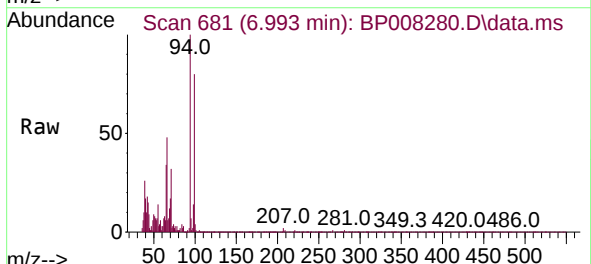
Instrument :
BNA_P
ClientSampleId :
A1513

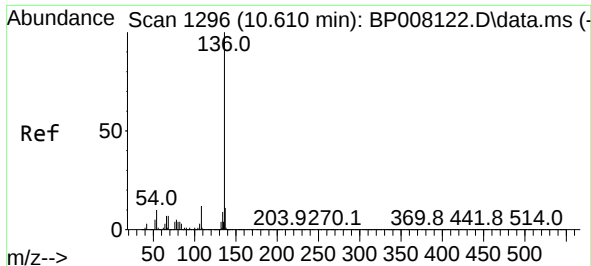
Tgt Ion: 77 Resp: 170
Ion Ratio Lower Upper
77 100
105 79.1 71.8 111.8
106 23.8 67.3 107.3#



#10
Phenol
Concen: 3.014 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

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

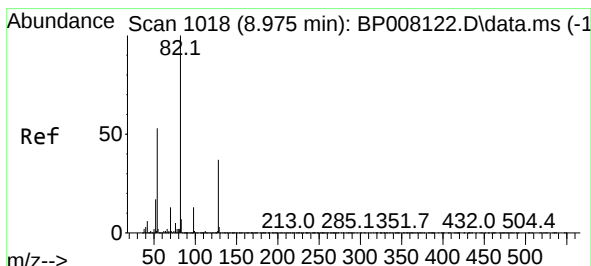
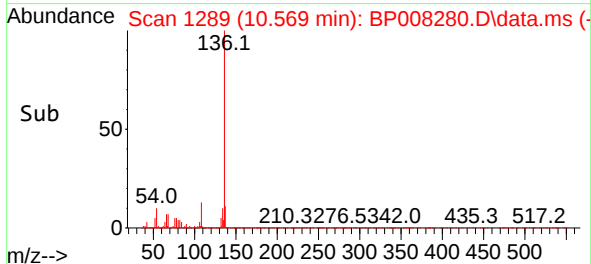
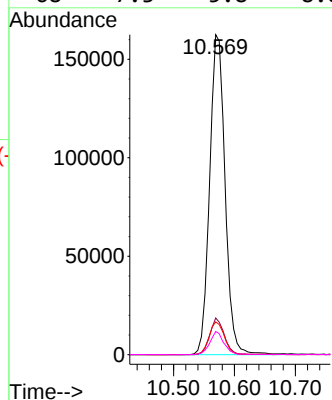
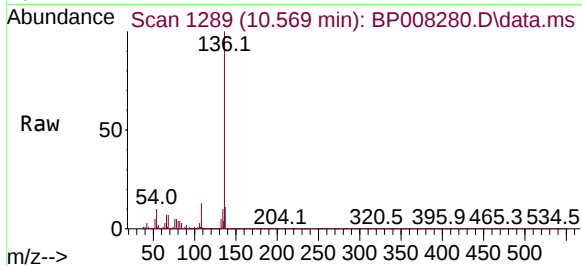




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

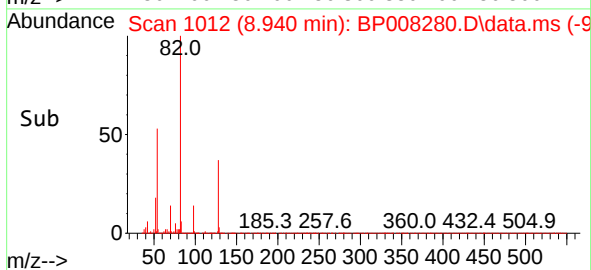
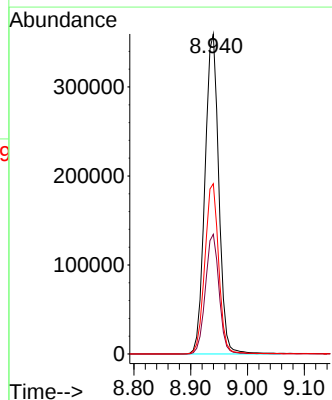
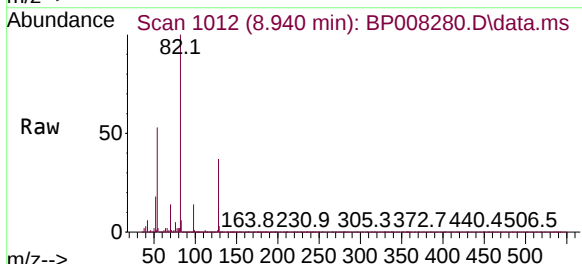
Instrument :
BNA_P
ClientSampleId :
A1513

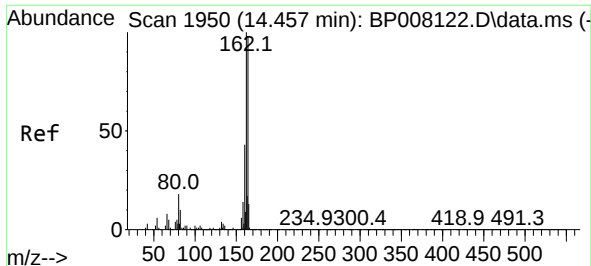
Tgt Ion:	136	Resp:	286563
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	10.3	8.2	12.4
68	7.3	5.8	8.8



#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

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

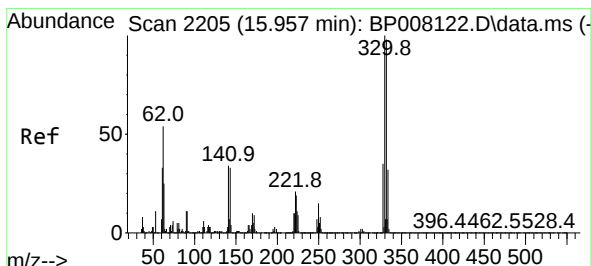
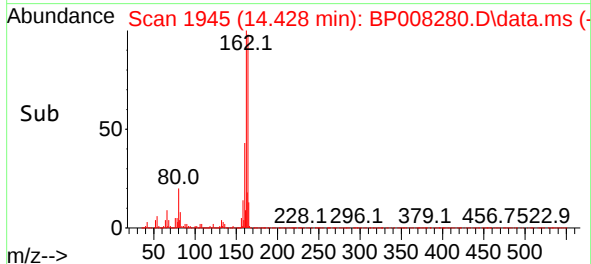
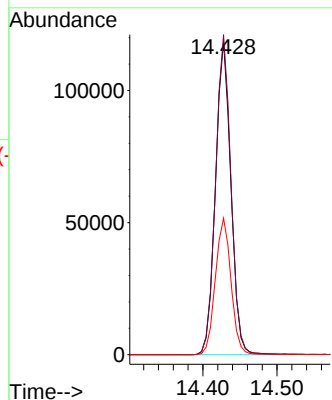
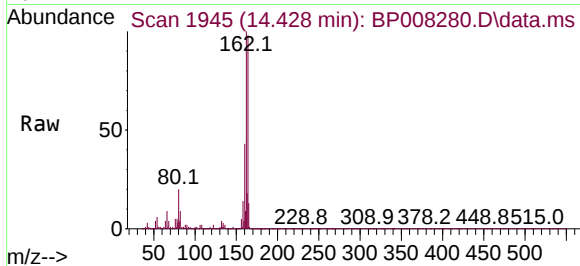




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

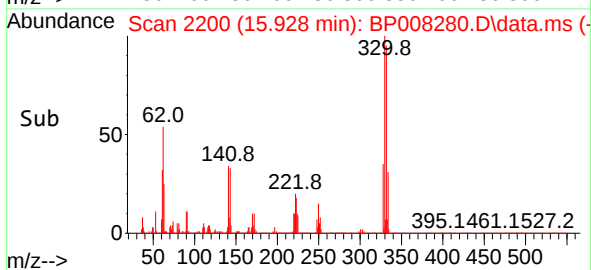
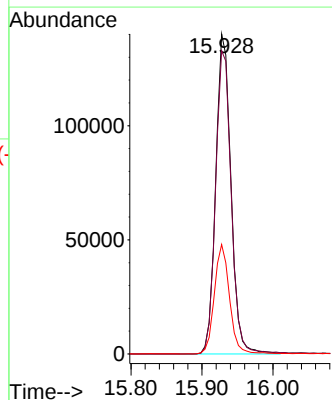
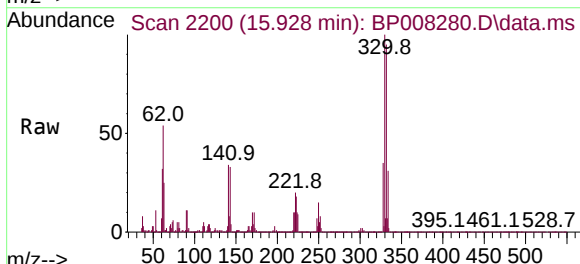
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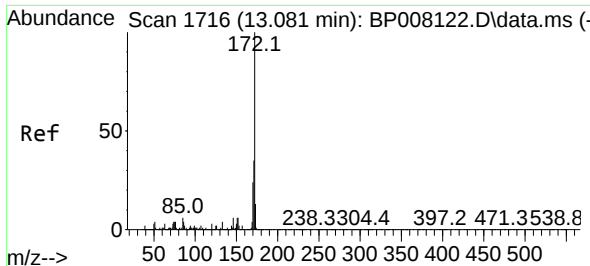
Tgt Ion:164 Resp: 170924
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 95.246 ng
RT: 15.928 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

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

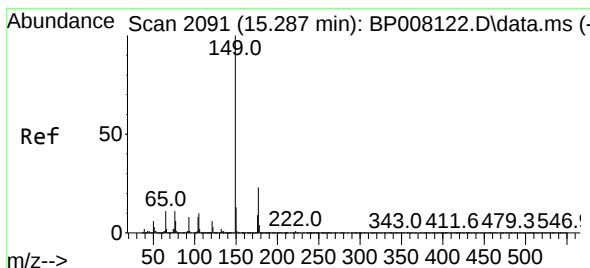
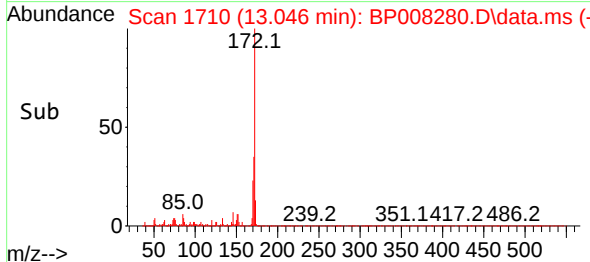
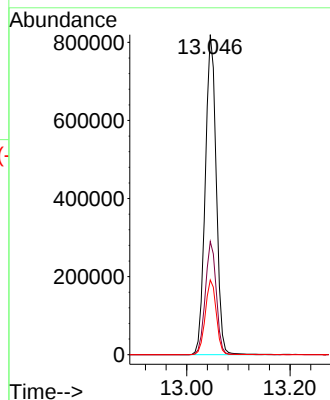
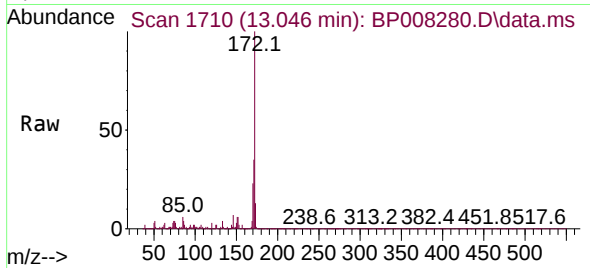




#45
2-Fluorobiphenyl
Concen: 102.563 ng
RT: 13.046 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

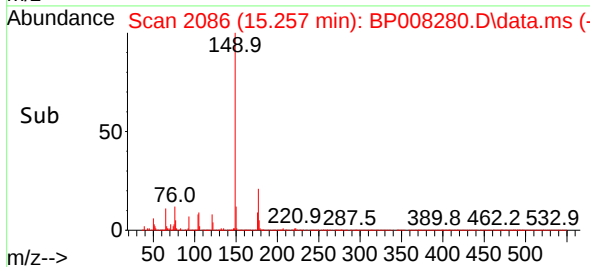
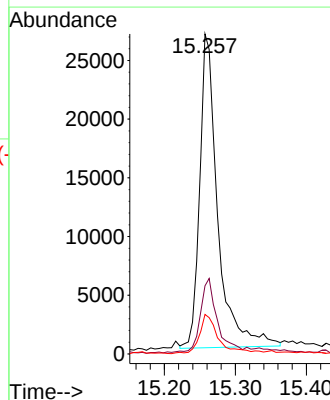
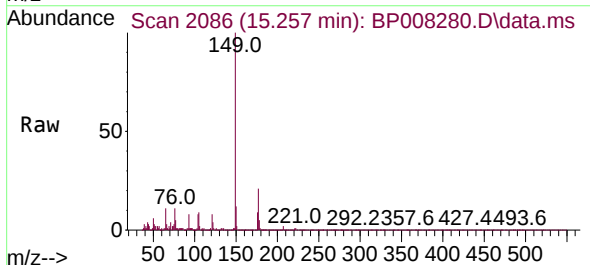
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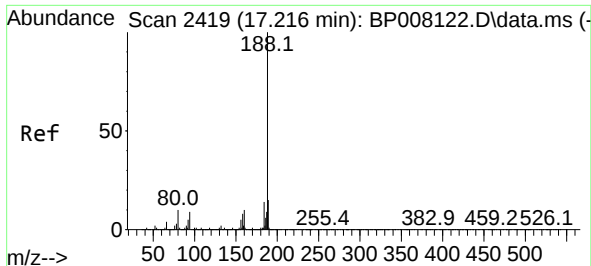
Tgt Ion:172 Resp: 1206889
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.3 18.9 28.3



#60
Diethylphthalate
Concen: 3.718 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.024 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

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

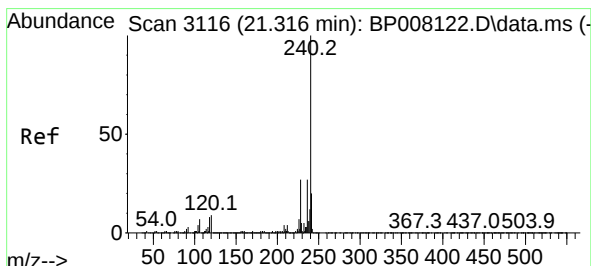
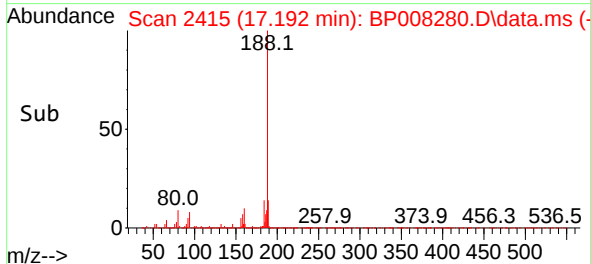
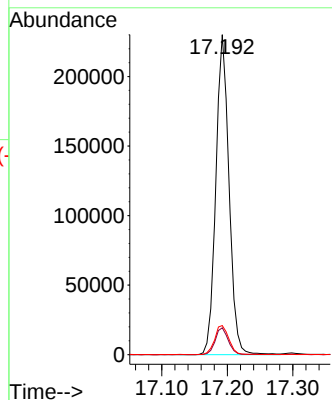
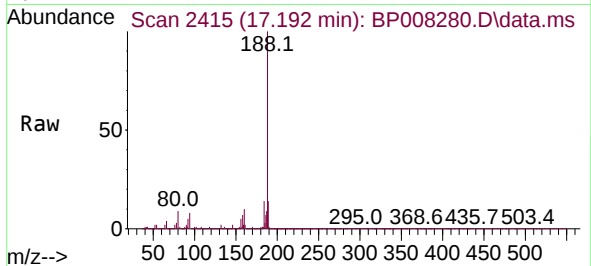




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

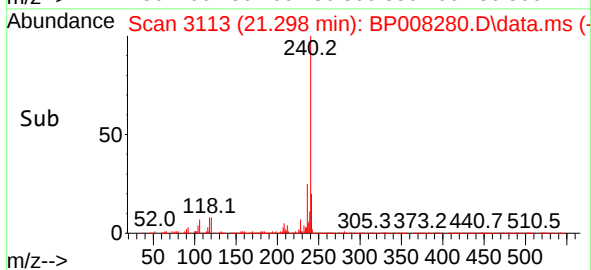
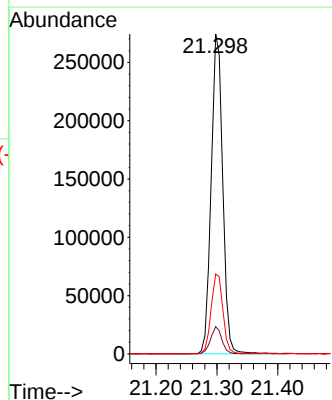
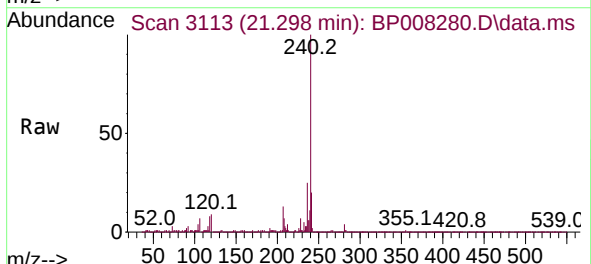
Instrument :
BNA_P
ClientSampleId :
A1513

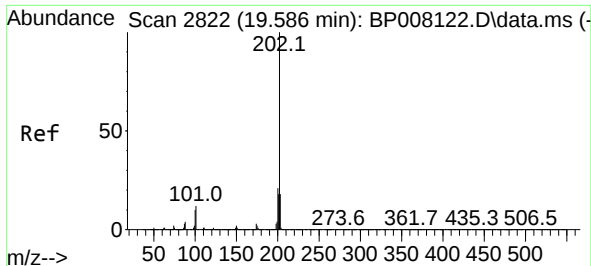
Tgt Ion:188 Resp: 320396
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

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

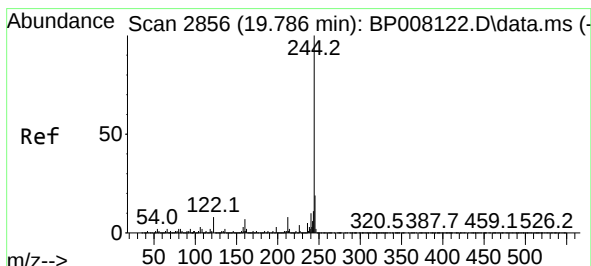
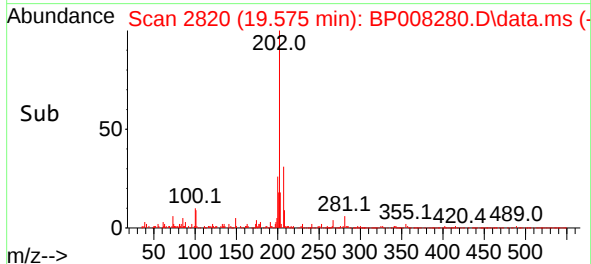
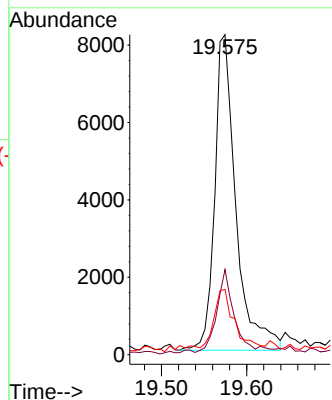
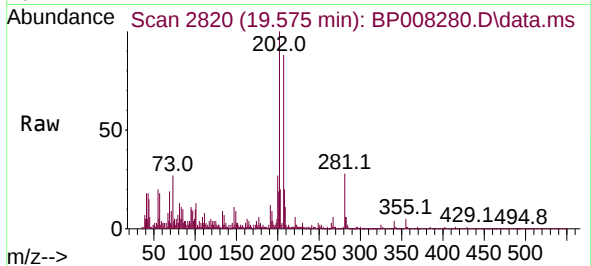




#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

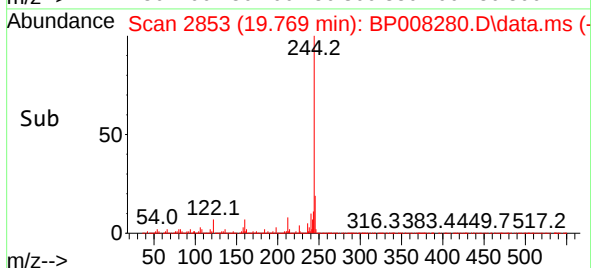
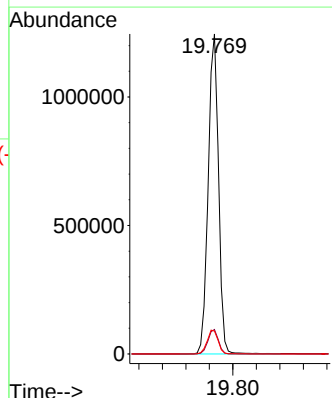
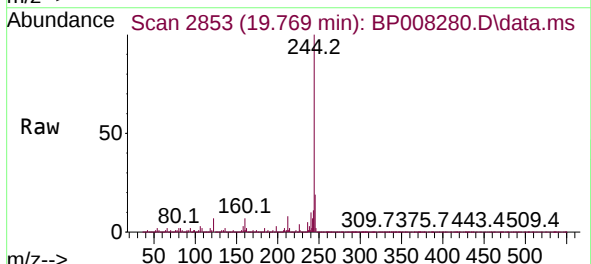
Instrument :
BNA_P
ClientSampleId :
A1513

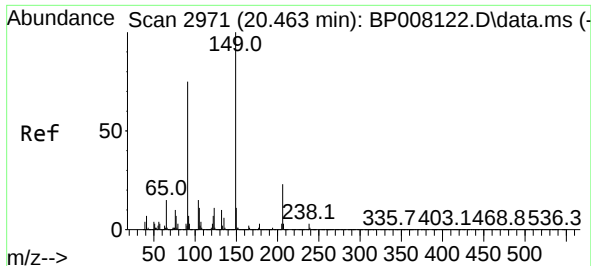
Tgt Ion:202 Resp: 14118
Ion Ratio Lower Upper
202 100
200 26.6 17.1 25.7#
203 20.4 14.2 21.2



#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

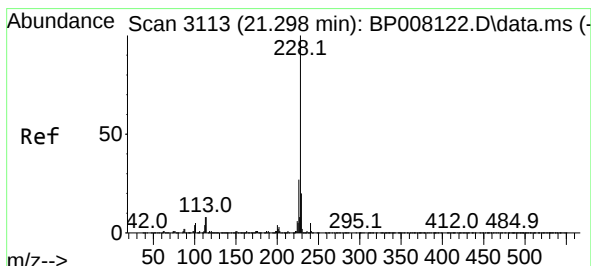
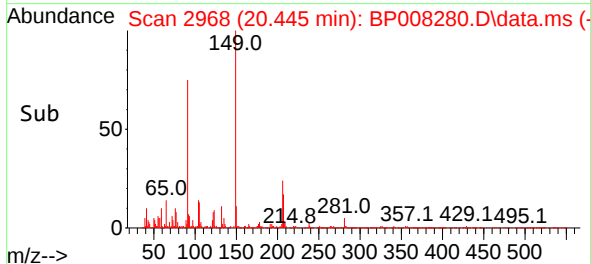
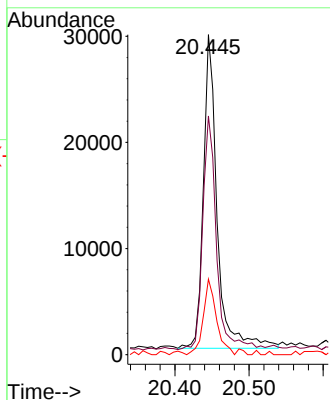
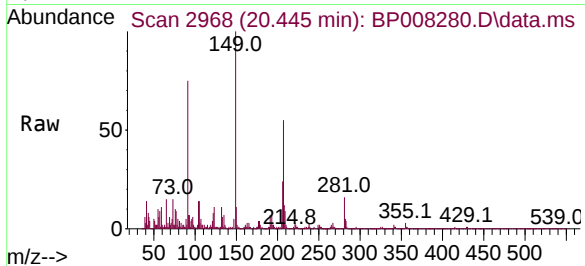




#80
Butylbenzylphthalate
Concen: 3.715 ng
RT: 20.445 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

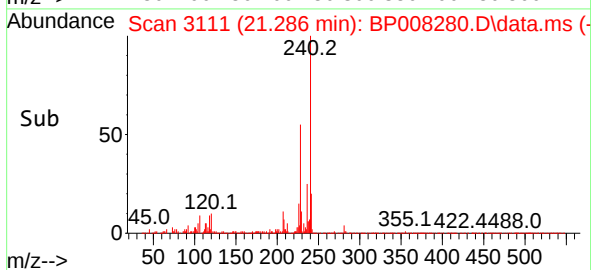
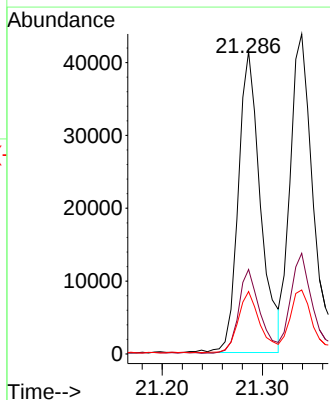
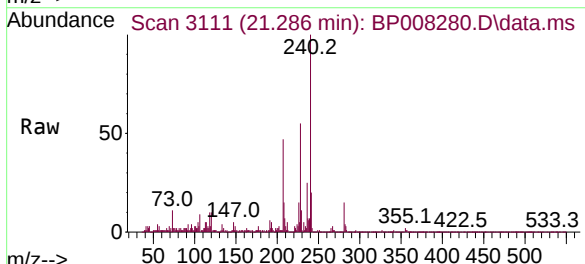
Instrument :
BNA_P
ClientSampleId :
A1513

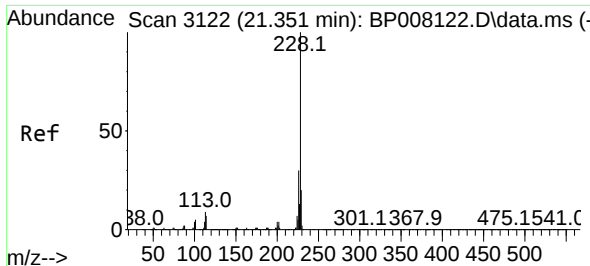
Tgt Ion:149 Resp: 38249
Ion Ratio Lower Upper
149 100
91 74.6 59.8 89.8
206 23.6 18.6 27.8



#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

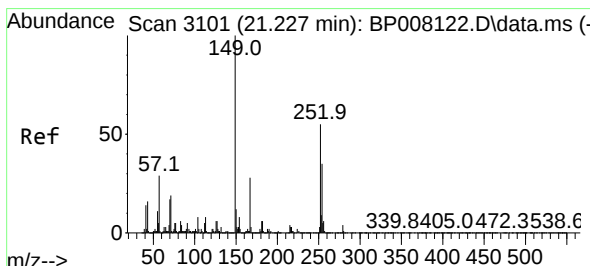
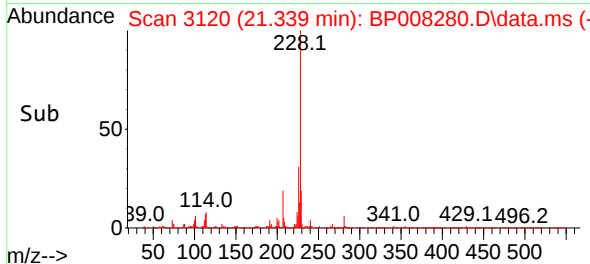
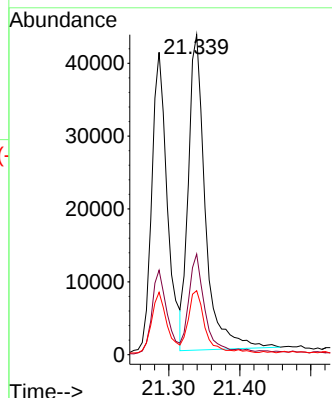
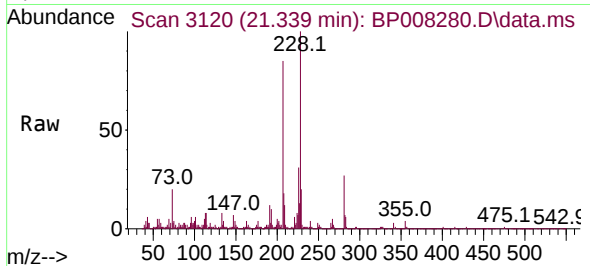




#83
Chrysene
Concen: 3.149 ng
RT: 21.339 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

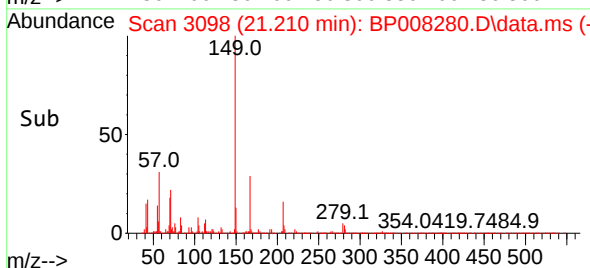
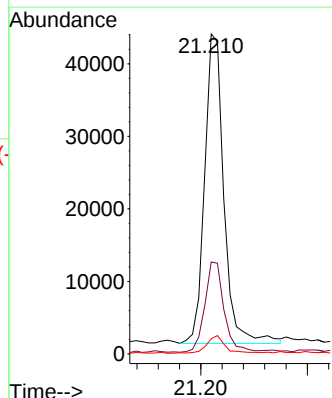
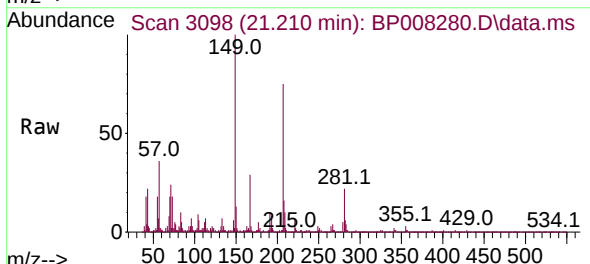
Instrument :
BNA_P
ClientSampleId :
A1513

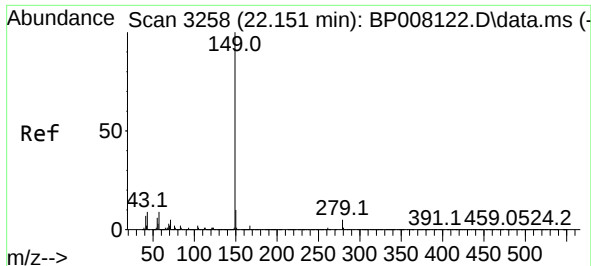
Tgt Ion:228 Resp: 71808
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 20.0 15.8 23.8



#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

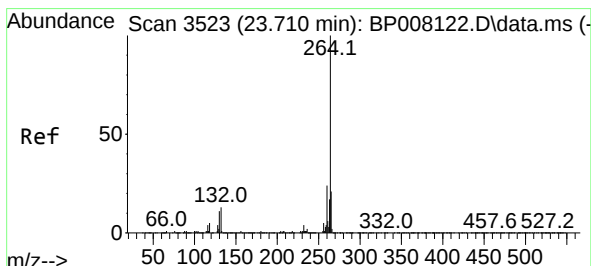
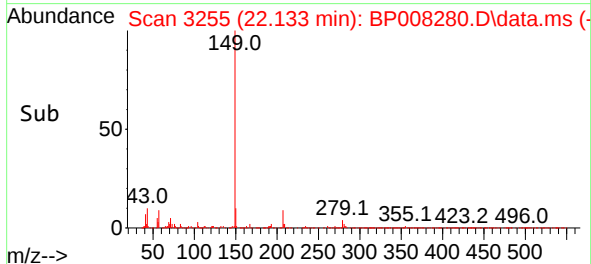
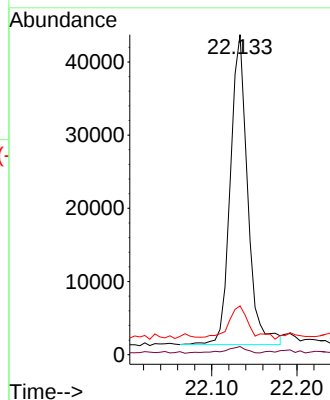
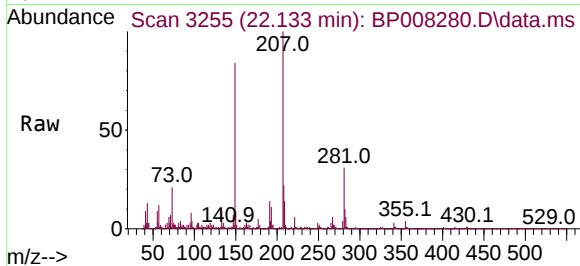




#85
Di-n-octyl phthalate
Concen: 2.247 ng
RT: 22.133 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008280.D
Acq: 08 Dec 2021 15:00

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

