

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008279.D
 Acq On : 08 Dec 2021 14:27
 Operator : CG/JU
 Sample : M4953-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A3718

Quant Time: Dec 09 01:19:10 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)

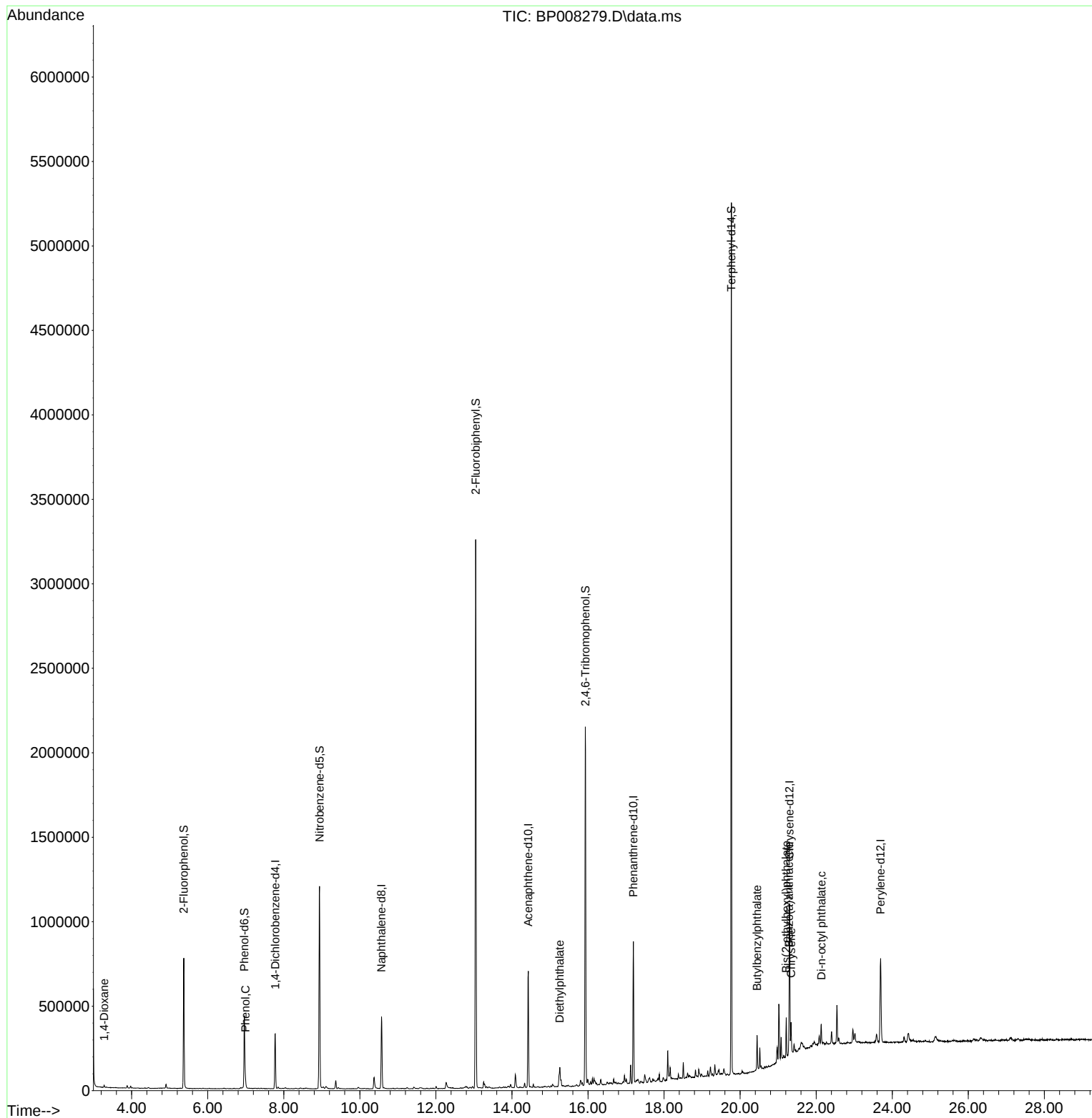
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	84972	20.000	ng	-0.02
21) Naphthalene-d8	10.569	136	331730	20.000	ng	-0.03
39) Acenaphthene-d10	14.428	164	233130	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	485453	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	404525	20.000	ng	-0.02
86) Perylene-d12	23.692	264	394819	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	296564	56.195	ng	-0.02
7) Phenol-d6	6.963	99	241848	33.947	ng	-0.02
23) Nitrobenzene-d5	8.940	82	717942	98.415	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	406849	136.536	ng	-0.02
45) 2-Fluorobiphenyl	13.046	172	1617335	100.769	ng	-0.02
79) Terphenyl-d14	19.769	244	2331762	120.467	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	5646	2.293	ng	# 81
9) Benzaldehyde	6.934	77	270	Below Cal		# 40
10) Phenol	6.993	94	23449	3.203	ng	97
60) Diethylphthalate	15.257	149	82733	4.762	ng	98
78) Pyrene	19.569	202	27817	Below Cal		99
80) Butylbenzylphthalate	20.445	149	60318	5.236	ng	96
81) Benzo(a)anthracene	21.286	228	107585	4.013	ng	98
83) Chrysene	21.339	228	117394	4.602	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	86662	4.955	ng	98
85) Di-n-octyl phthalate	22.133	149	85290	2.871	ng	99

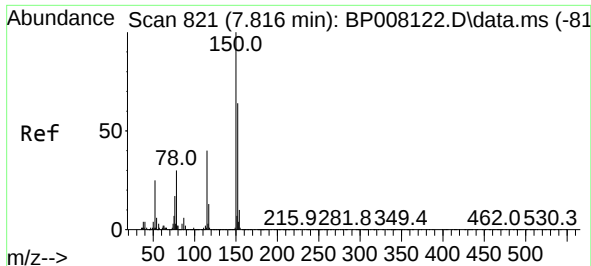
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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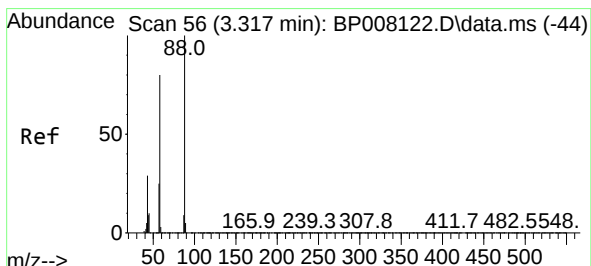
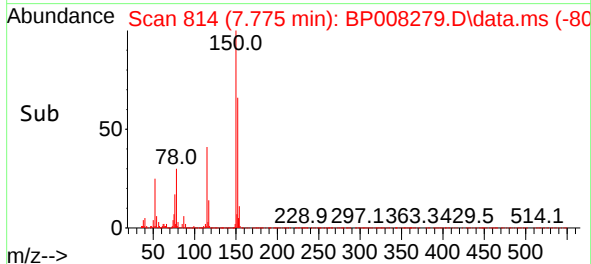
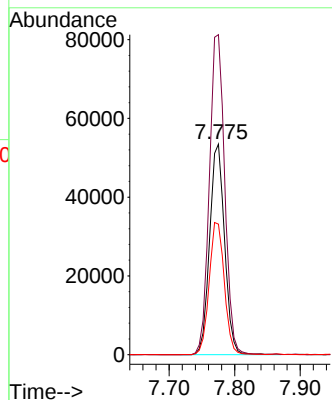
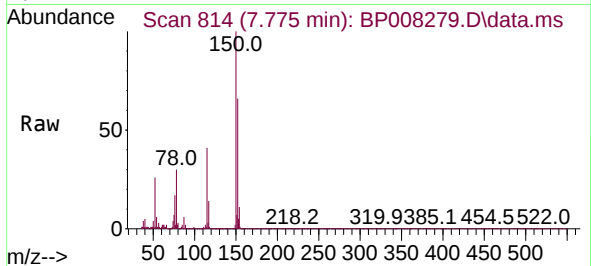




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP008279.D
 Acq: 08 Dec 2021 14:27

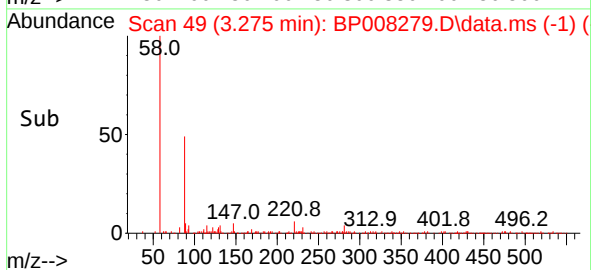
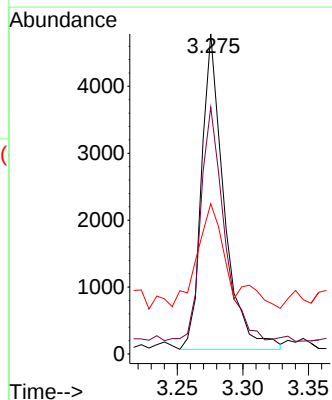
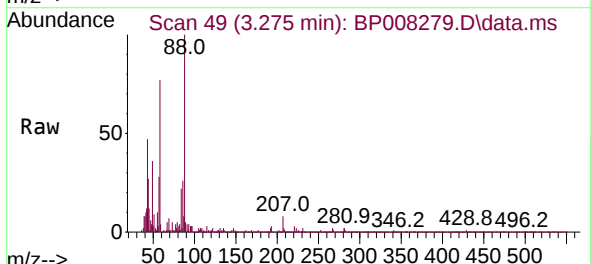
Instrument :
 BNA_P
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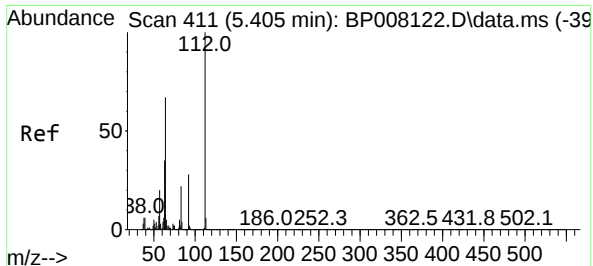
Tgt Ion:152 Resp: 84972
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.7 188.5
 115 62.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: 2.293 ng
 RT: 3.275 min Scan# 49
 Delta R.T. -0.018 min
 Lab File: BP008279.D
 Acq: 08 Dec 2021 14:27

Tgt Ion: 88 Resp: 5646
 Ion Ratio Lower Upper
 88 100
 58 74.6 63.5 95.3
 43 0.0 23.4 35.2#

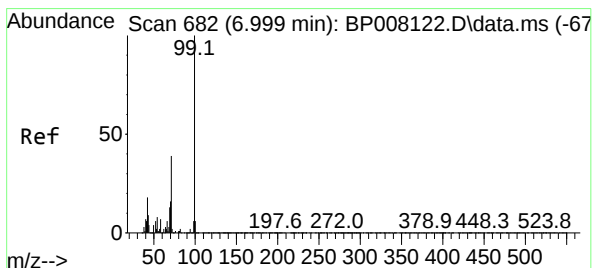
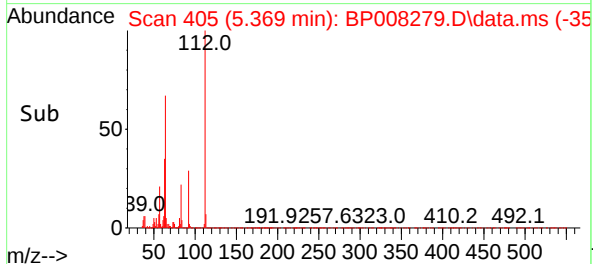
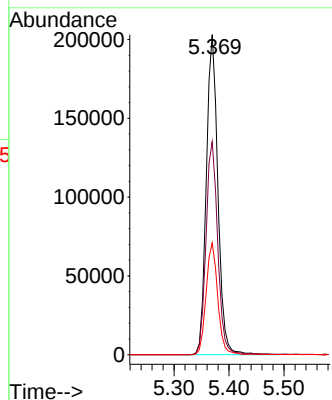
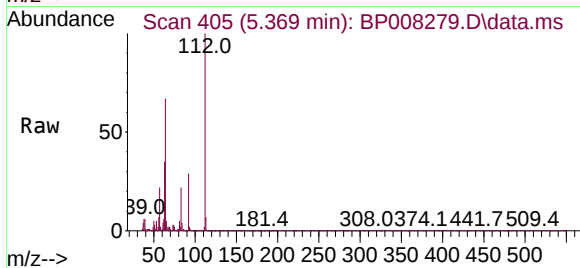




#5
2-Fluorophenol
Concen: 56.195 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

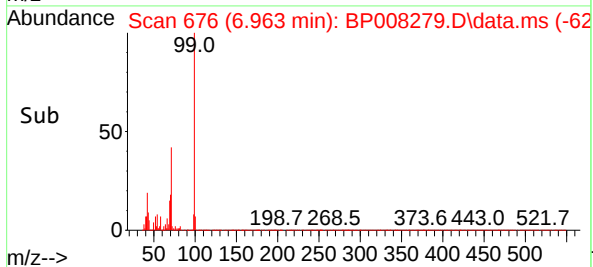
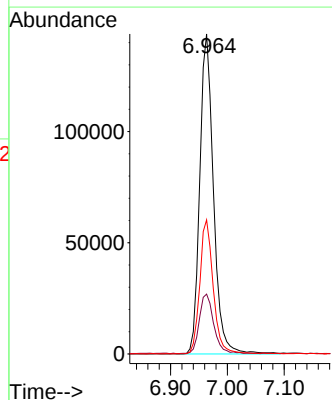
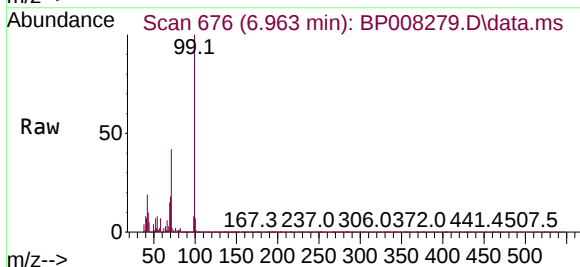
Instrument :
BNA_P
ClientSampleId :
A3718

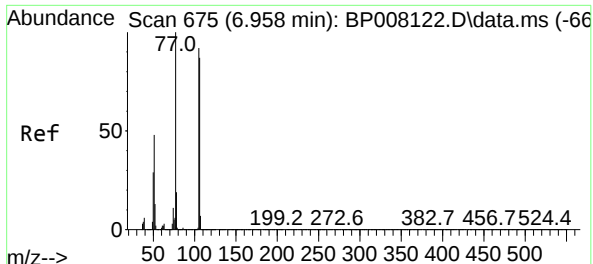
Tgt Ion:112 Resp: 296564
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 34.9 27.8 41.8



#7
Phenol-d6
Concen: 33.947 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.024 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion: 99 Resp: 241848
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 41.9 31.1 46.7

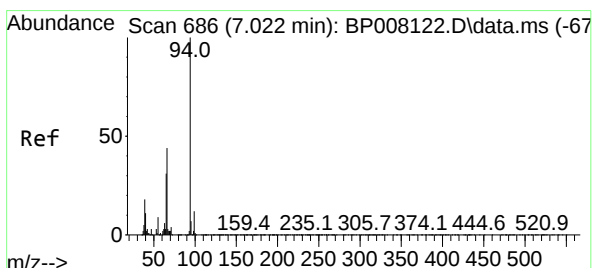
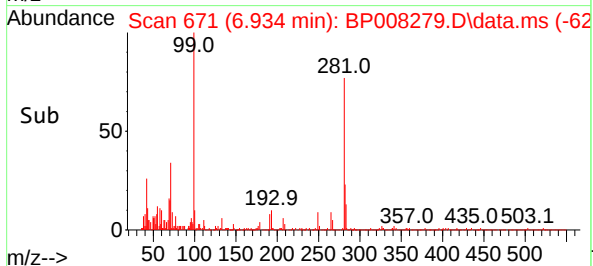
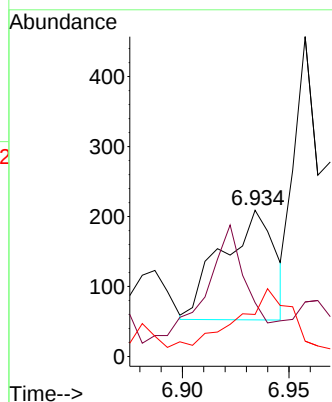
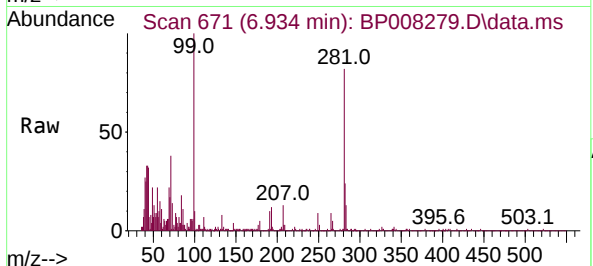




#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

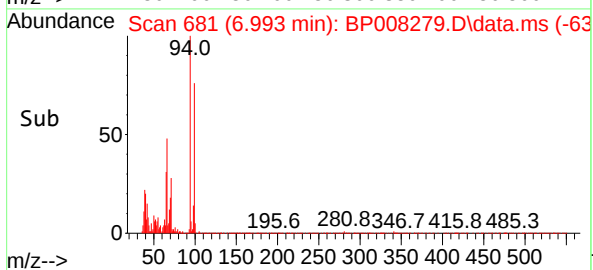
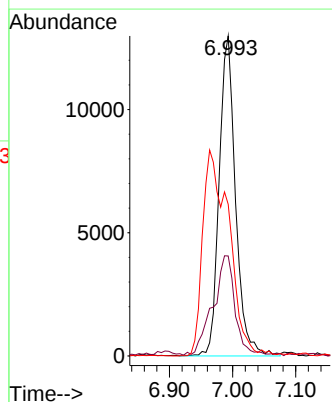
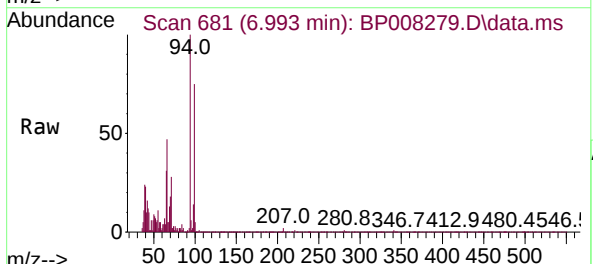
Instrument :
BNA_P
ClientSampleId :
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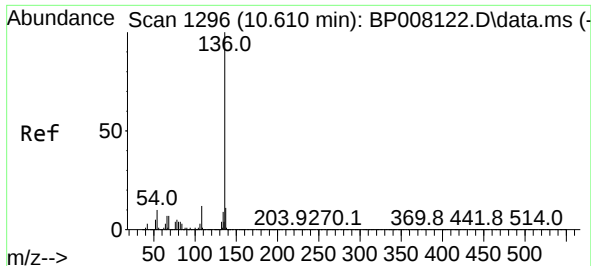
Tgt Ion: 77 Resp: 270
Ion Ratio Lower Upper
77 100
105 36.8 71.8 111.8#
106 28.7 67.3 107.3#



#10
Phenol
Concen: 3.203 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion: 94 Resp: 23449
Ion Ratio Lower Upper
94 100
65 31.2 10.9 50.9
66 47.4 24.3 64.3

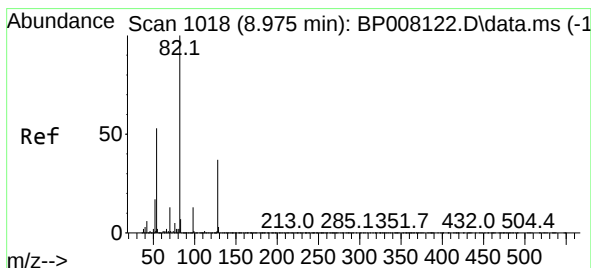
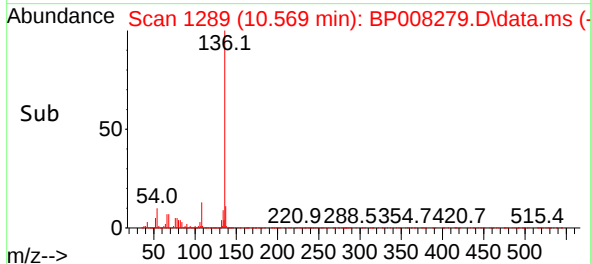
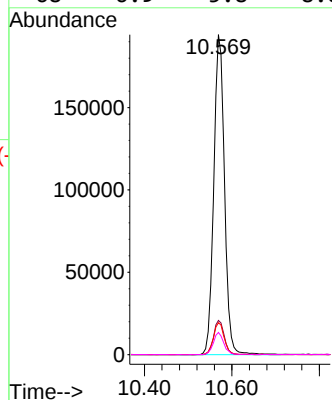
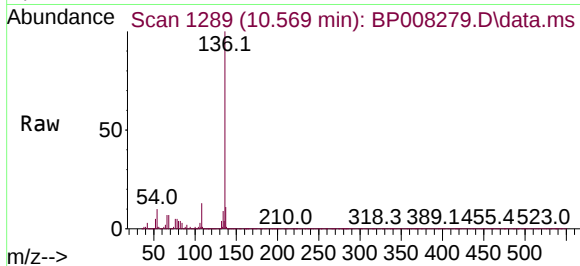




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

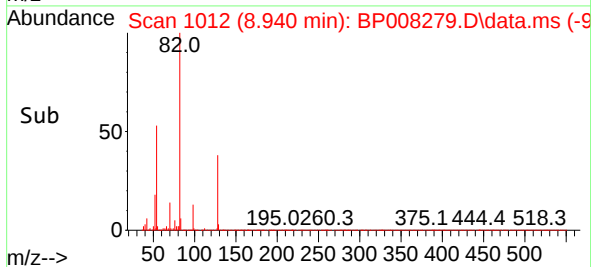
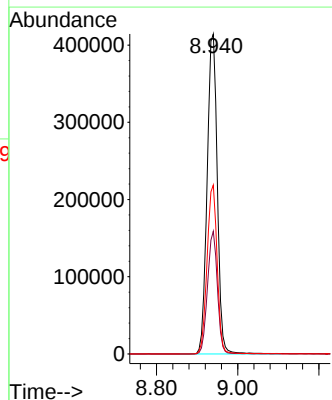
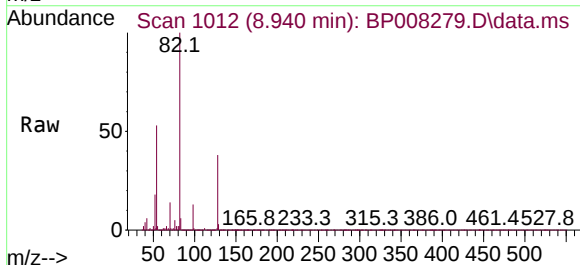
Instrument :
BNA_P
ClientSampleId :
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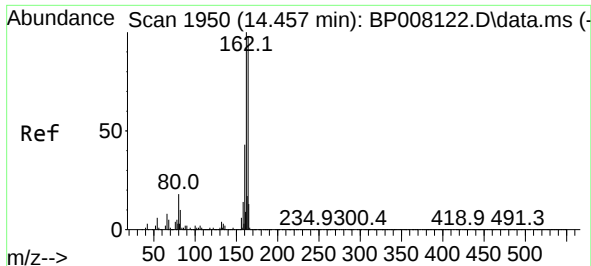
Tgt Ion:	136	Resp:	331730
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.0	8.2	12.4
68	6.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 98.415 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.024 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:	82	Resp:	717942
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.6	44.4
54	52.8	42.7	64.1

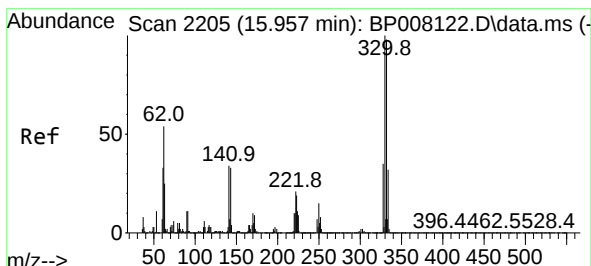
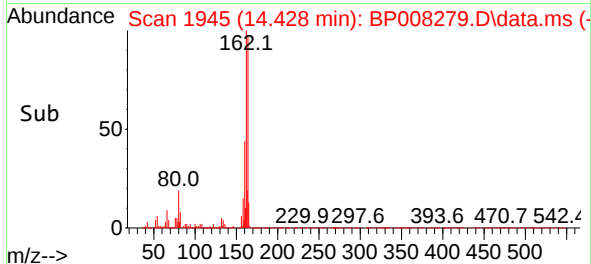
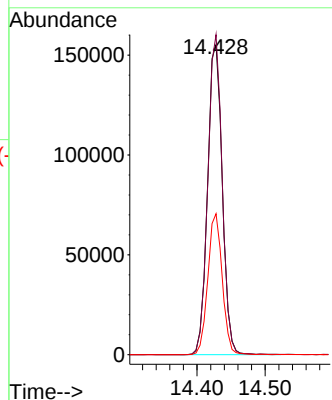
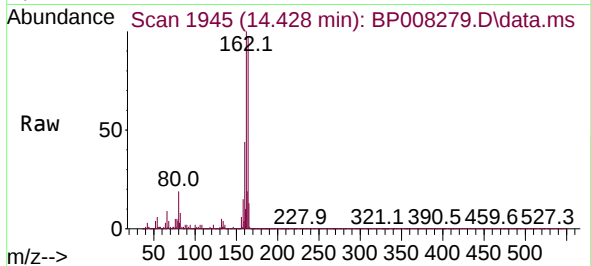




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

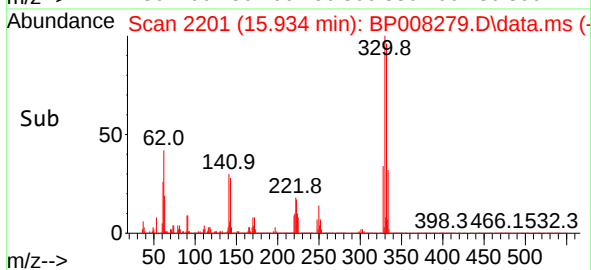
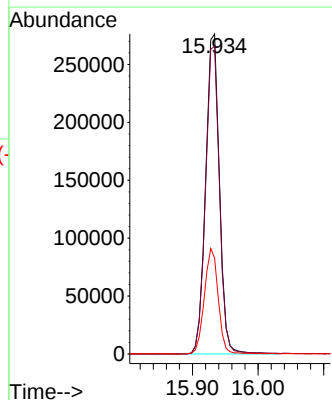
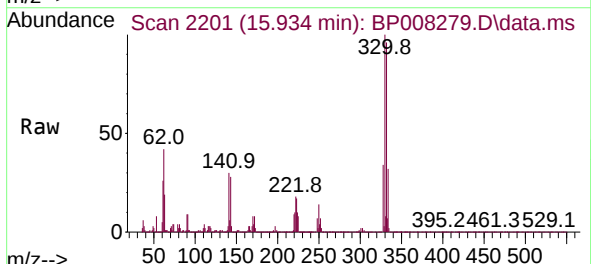
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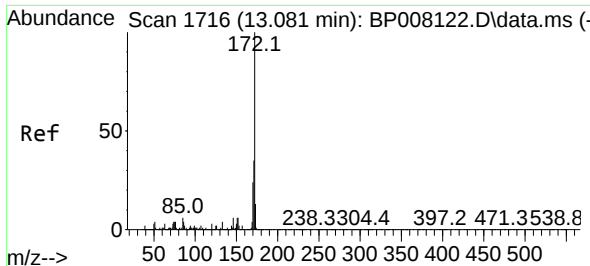
Tgt Ion:164 Resp: 233130
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 136.536 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:330 Resp: 406849
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 32.9 28.4 42.6

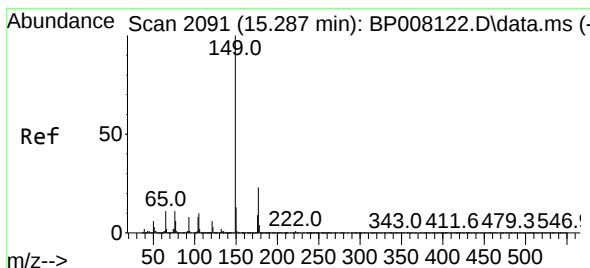
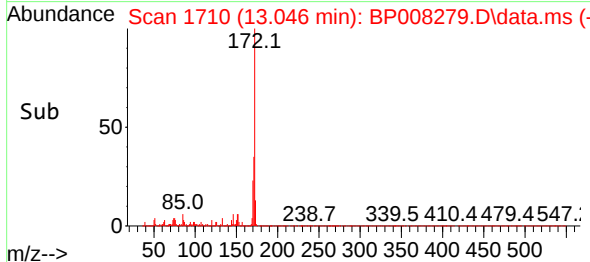
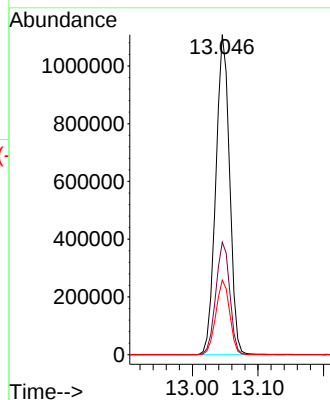
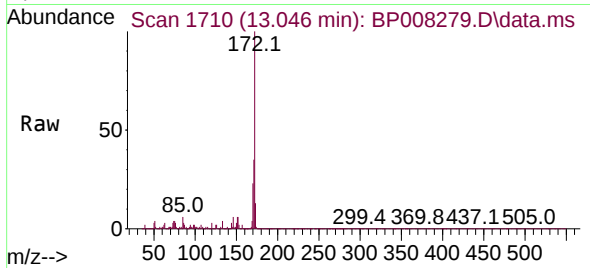




#45
2-Fluorobiphenyl
Concen: 100.769 ng
RT: 13.046 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

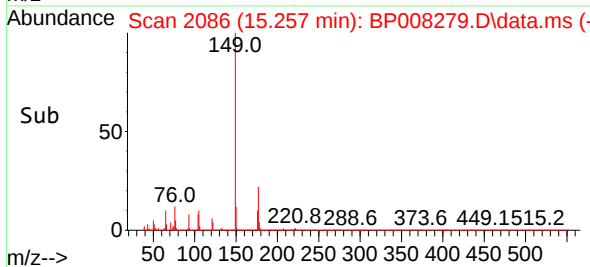
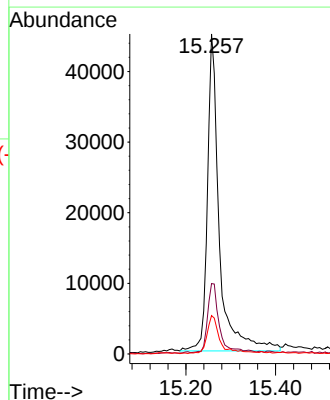
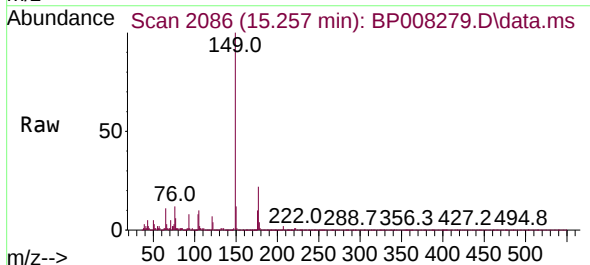
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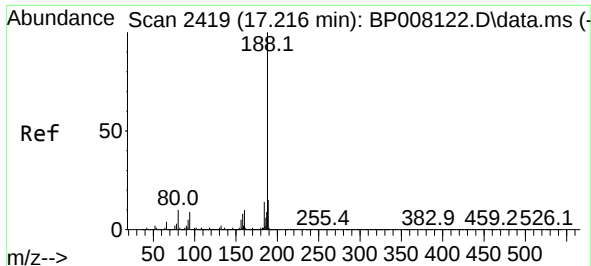
Tgt Ion:172 Resp: 1617335
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.9 28.3



#60
Diethylphthalate
Concen: 4.762 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.024 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:149 Resp: 82733
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.0 10.3 15.5

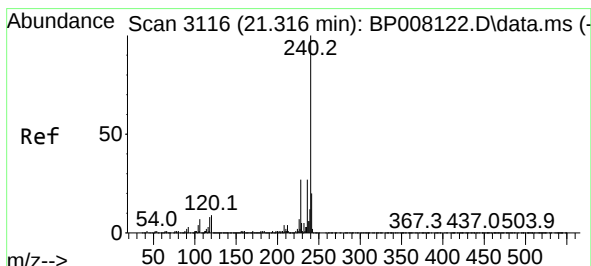
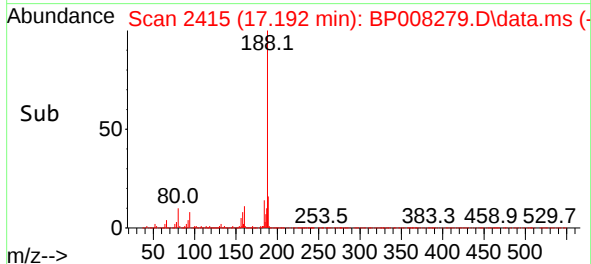
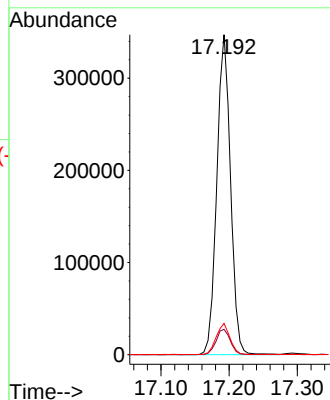
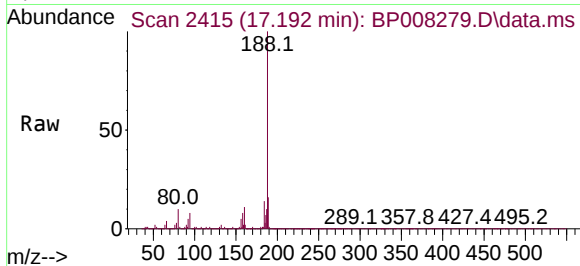




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

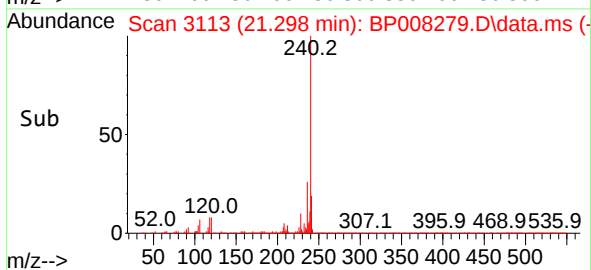
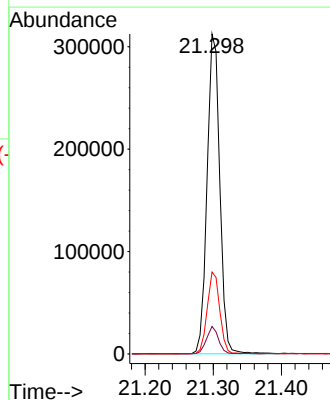
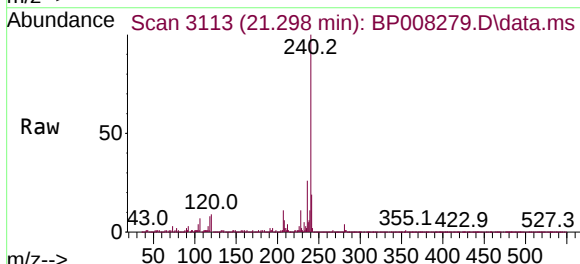
Instrument :
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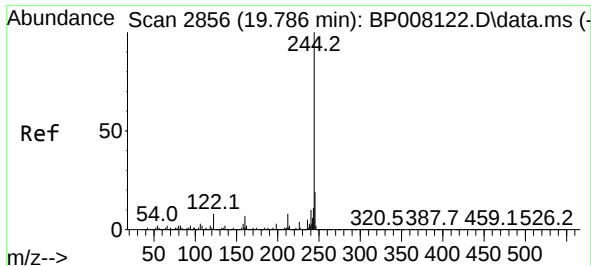
Tgt Ion:188 Resp: 485453
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:240 Resp: 404525
Ion Ratio Lower Upper
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120 8.6 7.3 10.9
236 25.6 21.4 32.2

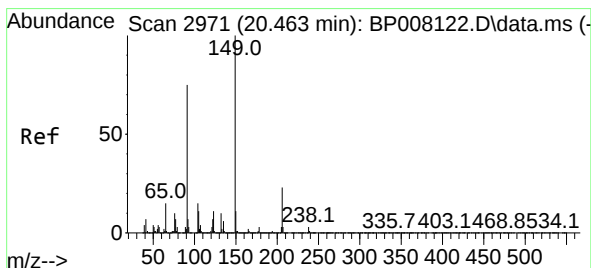
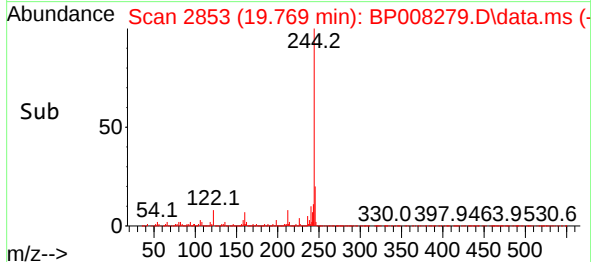
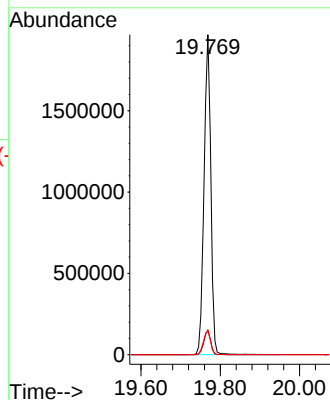
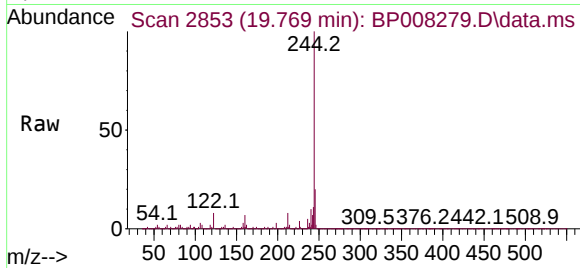




#79
 Terphenyl-d14
 Concen: 120.467 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008279.D
 Acq: 08 Dec 2021 14:27

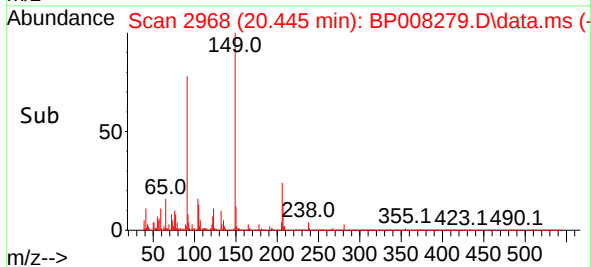
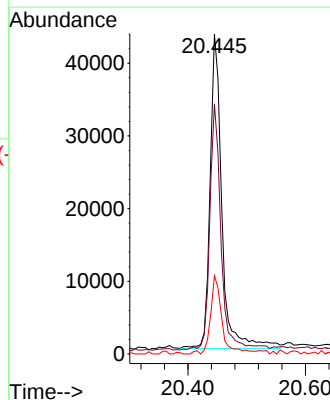
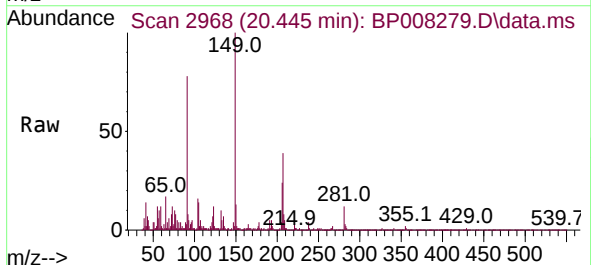
Instrument :
 BNA_P
 ClientSampleId :
 A3718

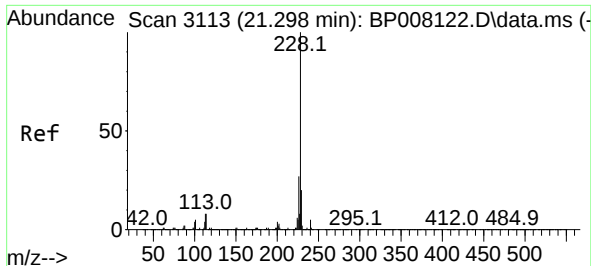
Tgt Ion:244 Resp: 2331762
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 7.5 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 5.236 ng
 RT: 20.445 min Scan# 2968
 Delta R.T. -0.018 min
 Lab File: BP008279.D
 Acq: 08 Dec 2021 14:27

Tgt Ion:149 Resp: 60318
 Ion Ratio Lower Upper
 149 100
 91 78.1 59.8 89.8
 206 24.5 18.6 27.8

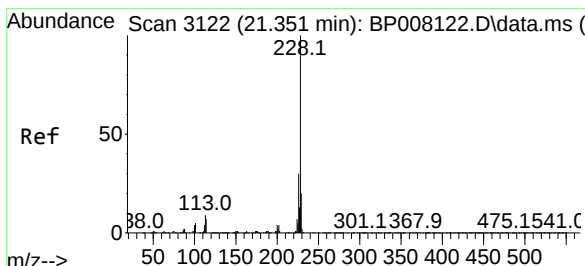
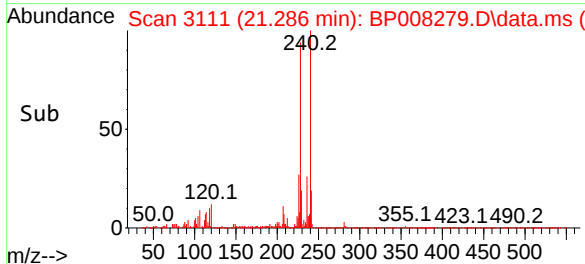
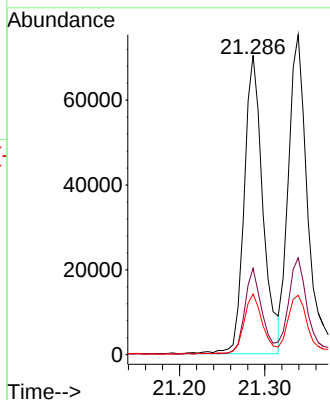
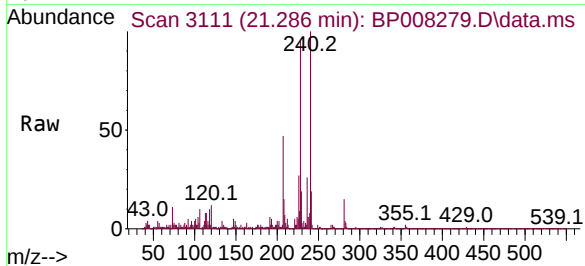




#81
Benzo(a)anthracene
Concen: 4.013 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

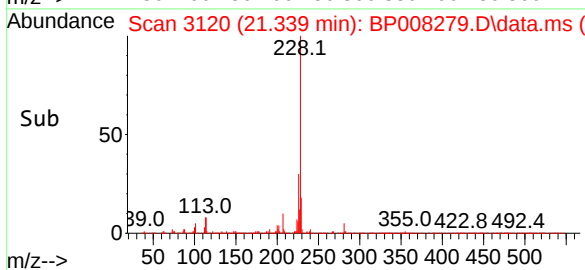
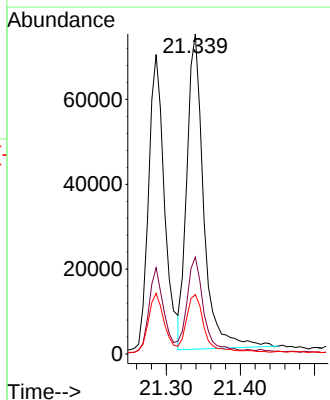
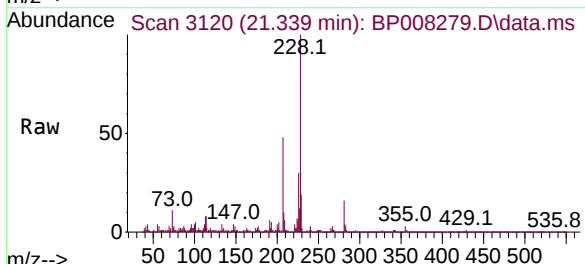
Instrument :
BNA_P
ClientSampleId :
A3718

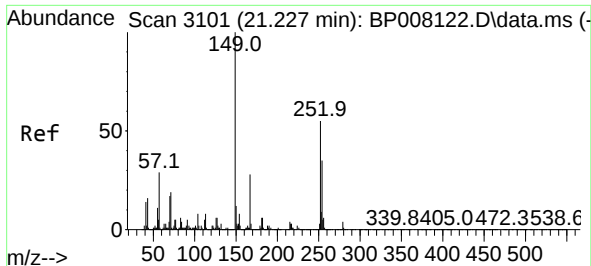
Tgt Ion:228 Resp: 107585
Ion Ratio Lower Upper
228 100
226 28.8 21.9 32.9
229 20.2 15.9 23.9



#83
Chrysene
Concen: 4.602 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:228 Resp: 117394
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 18.6 15.8 23.8

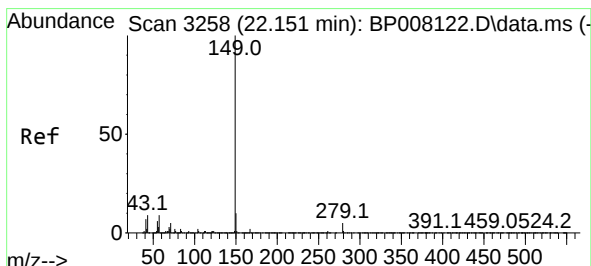
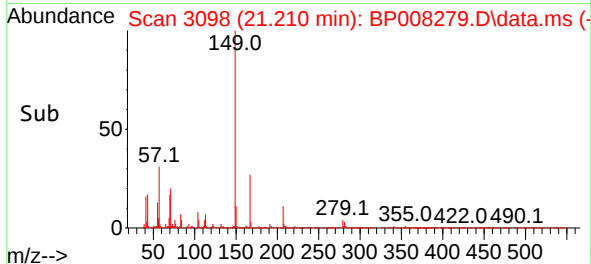
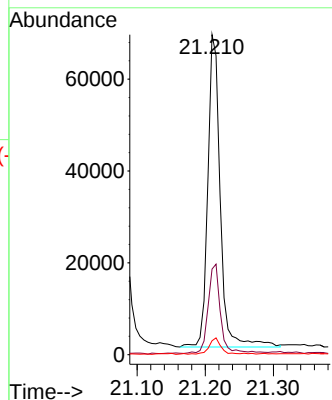
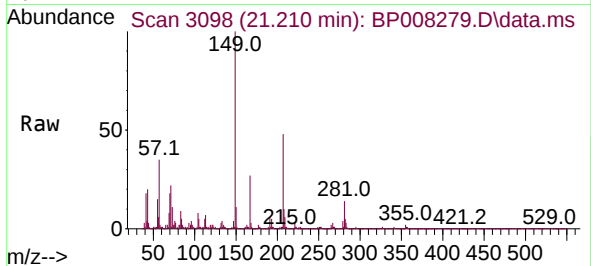




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.955 ng
RT: 21.210 min Scan# 3098
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

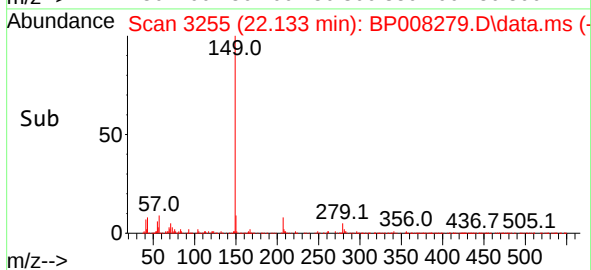
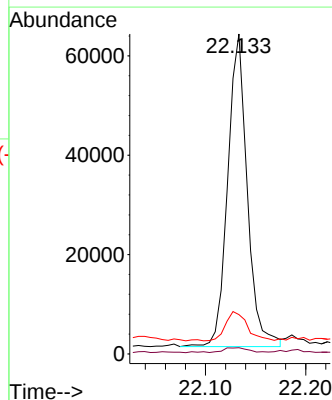
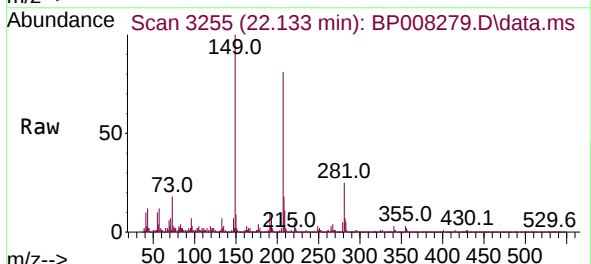
Instrument :
BNA_P
ClientSampleId :
A3718

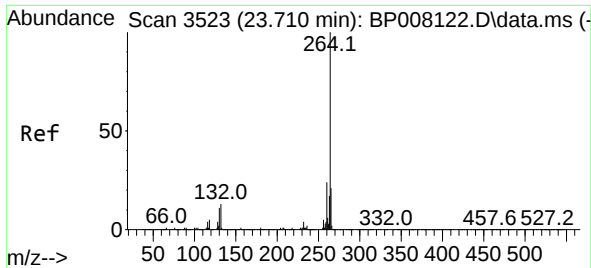
Tgt Ion:149 Resp: 86662
Ion Ratio Lower Upper
149 100
167 26.8 22.5 33.7
279 4.4 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 2.871 ng
RT: 22.133 min Scan# 3255
Delta R.T. -0.018 min
Lab File: BP008279.D
Acq: 08 Dec 2021 14:27

Tgt Ion:149 Resp: 85290
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 10.3 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP008279.D
 Acq: 08 Dec 2021 14:27

Instrument :
 BNA_P
 ClientSampleId :
 A3718

Tgt Ion:264 Resp: 394819
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 23.3 17.6 26.4

