

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008271.D
 Acq On : 08 Dec 2021 02:51
 Operator : CG/JU
 Sample : M4932-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM1-2DL

Quant Time: Dec 08 03:50:37 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)

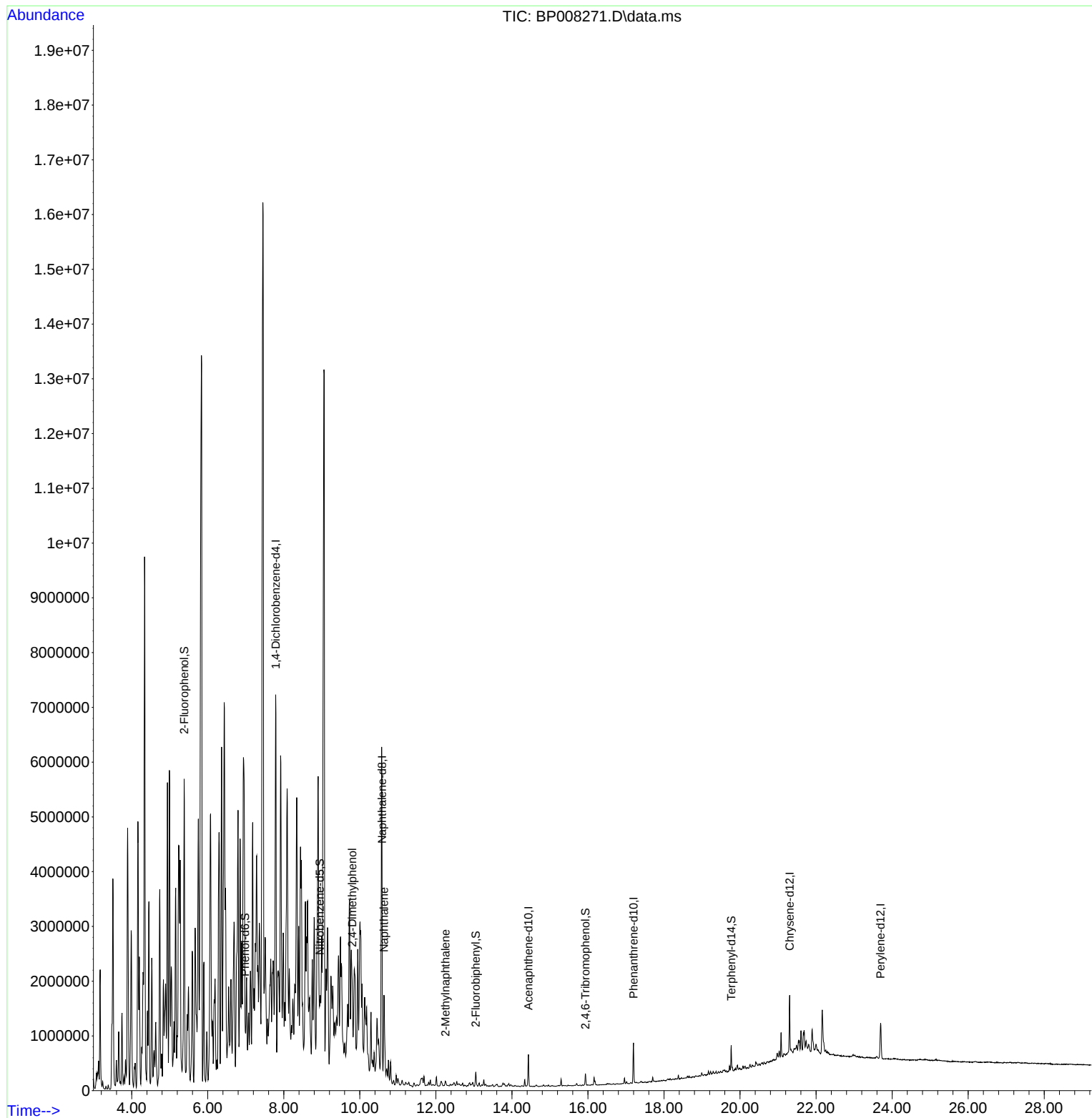
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	67928	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	266366	20.000	ng	#-0.01
39) Acenaphthene-d10	14.434	164	192208	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	427104	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	468976	20.000	ng	-0.01
86) Perylene-d12	23.698	264	513176	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	64616	15.316	ng	0.00
7) Phenol-d6	6.981	99	94083	16.520	ng	0.00
23) Nitrobenzene-d5	8.951	82	129215	22.059	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	39841	16.217	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	113531	8.580	ng	-0.02
79) Terphenyl-d14	19.769	244	195601	8.717	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.804	122	30855	8.418	ng	# 66
31) Naphthalene	10.640	128	533022	39.063	ng	# 94
37) 2-Methylnaphthalene	12.251	142	22952	2.378	ng	# 92

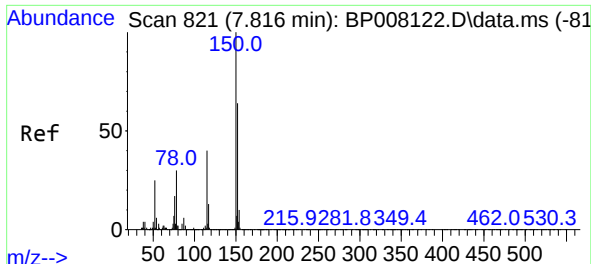
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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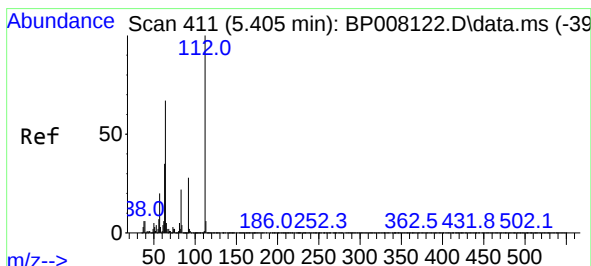
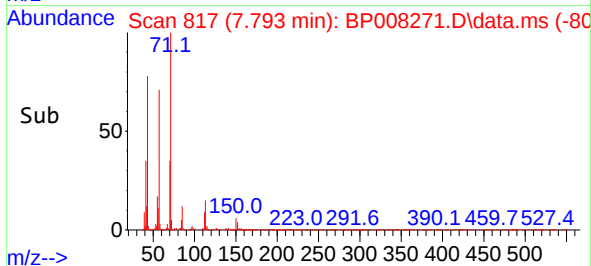
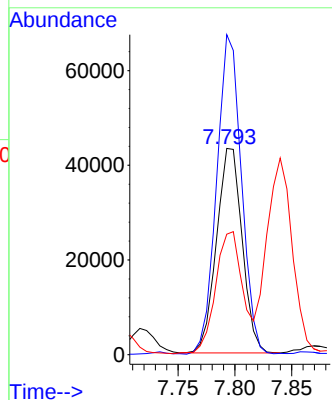
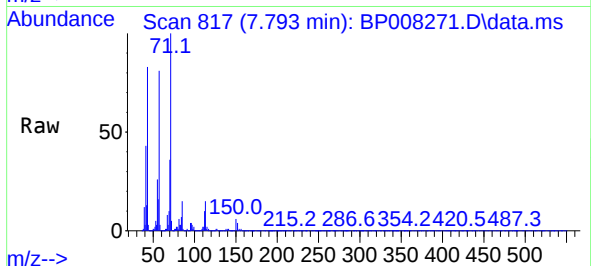




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

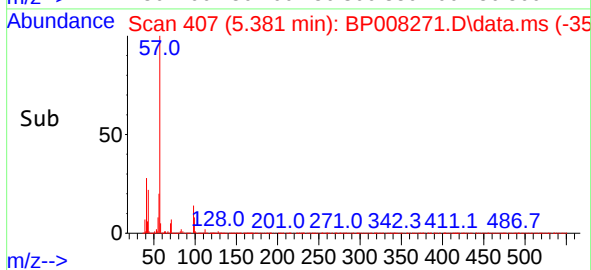
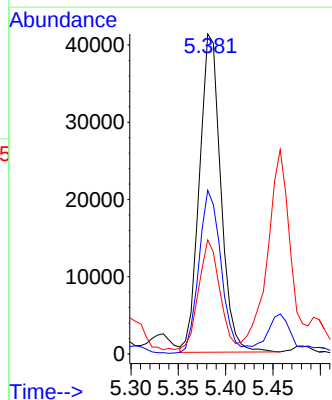
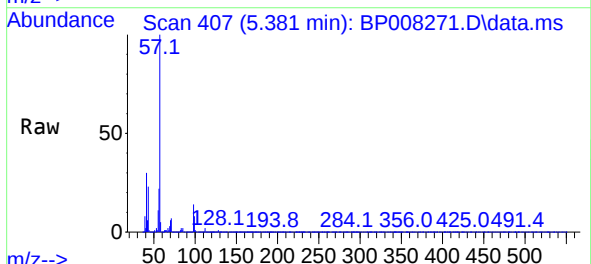
Instrument :
BNA_P
ClientSampleId :
DRUM1-2DL

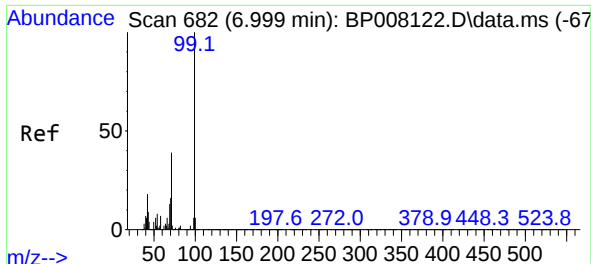
Tgt Ion:152 Resp: 67928
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 58.4 50.7 76.1



#5
2-Fluorophenol
Concen: 15.316 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion:112 Resp: 64616
Ion Ratio Lower Upper
112 100
64 51.1 53.4 80.2#
63 35.7 27.8 41.8

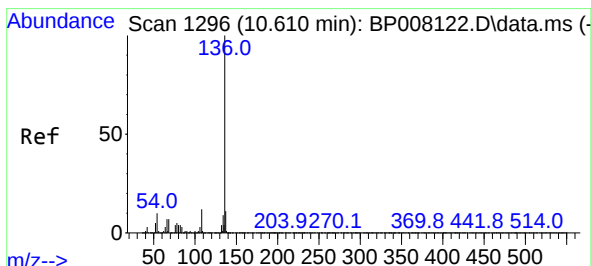
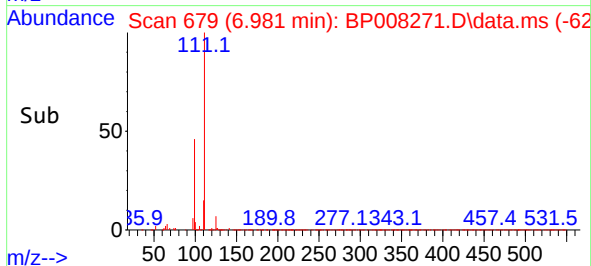
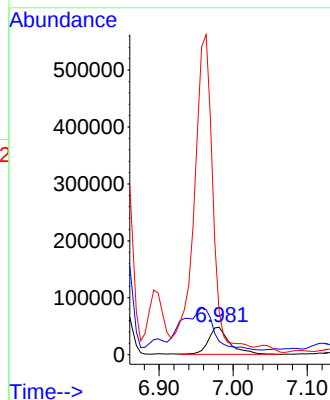
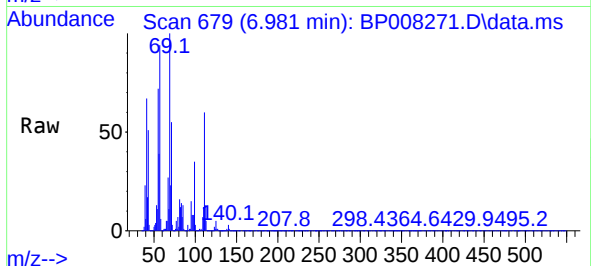




#7
Phenol-d6
Concen: 16.520 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

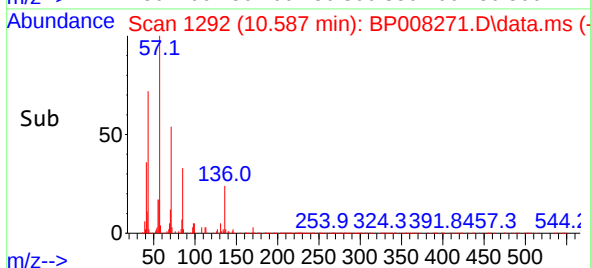
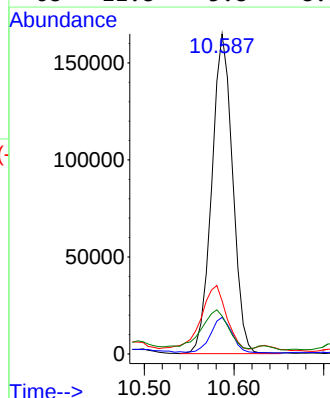
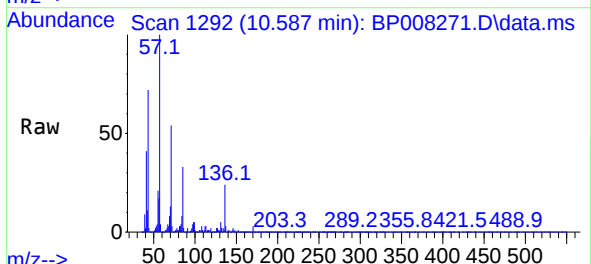
Instrument :
BNA_P
ClientSampleId :
DRUM1-2DL

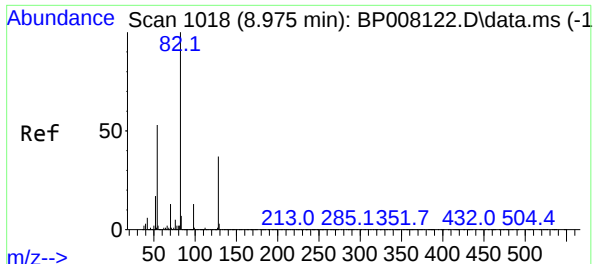
Tgt Ion: 99 Resp: 94083
Ion Ratio Lower Upper
99 100
42 48.8 14.6 22.0#
71 157.4 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion: 136 Resp: 266366
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 16.5 8.2 12.4#
68 11.8 5.8 8.8#

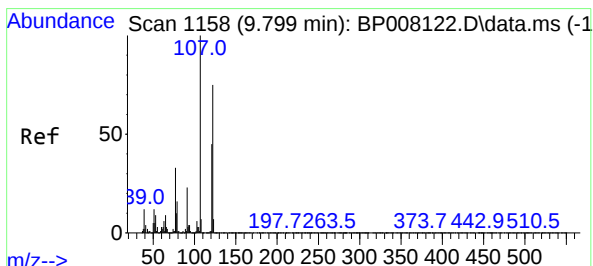
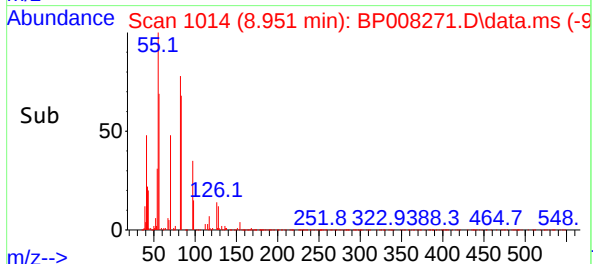
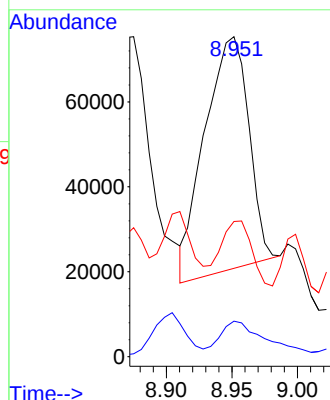
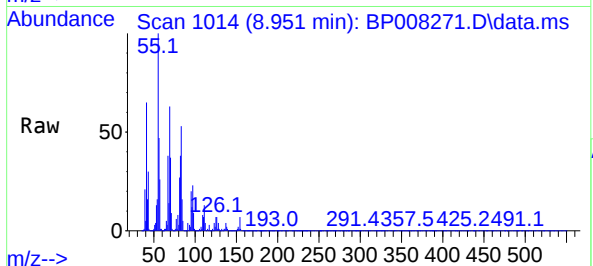




#23
Nitrobenzene-d5
Concen: 22.059 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

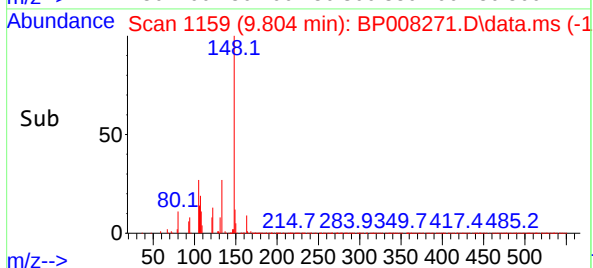
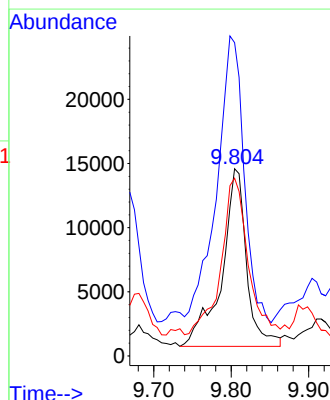
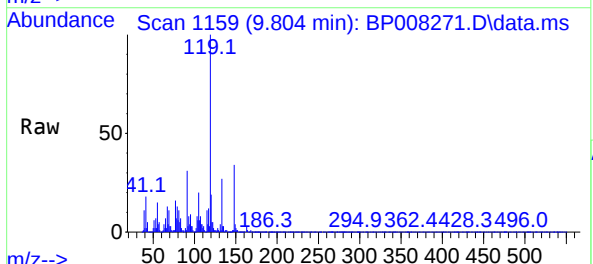
Instrument :
BNA_P
ClientSampleId :
DRUM1-2DL

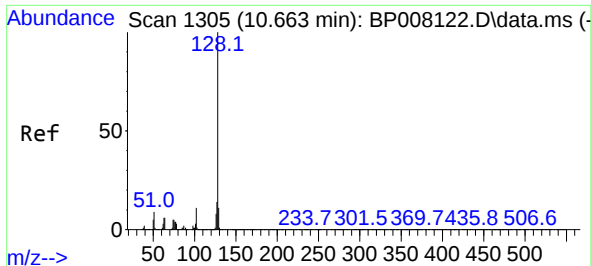
Tgt Ion: 82 Resp: 129215
Ion Ratio Lower Upper
82 100
128 11.1 29.6 44.4#
54 42.3 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 8.418 ng
RT: 9.804 min Scan# 1159
Delta R.T. 0.018 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion: 122 Resp: 30855
Ion Ratio Lower Upper
122 100
107 167.3 106.6 160.0#
121 94.9 48.1 72.1#

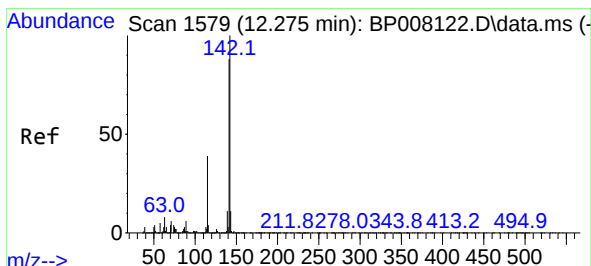
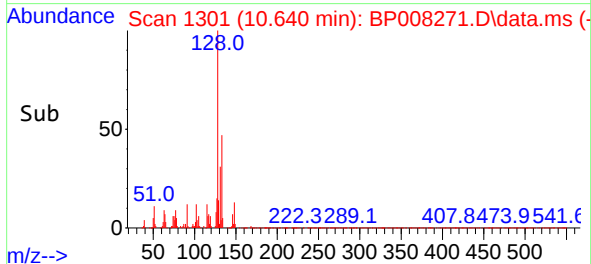
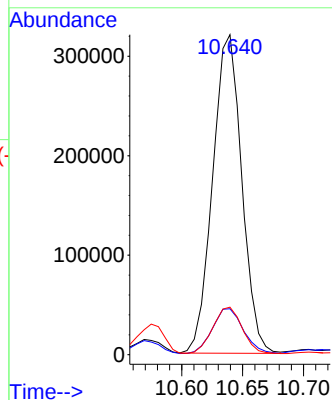
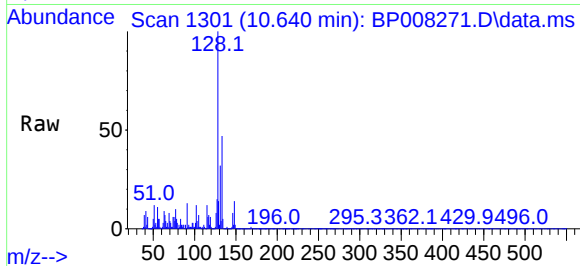




#31
Naphthalene
Concen: 39.063 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

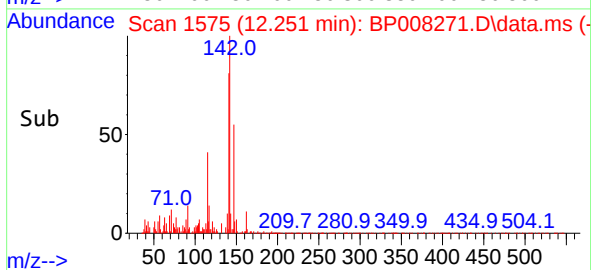
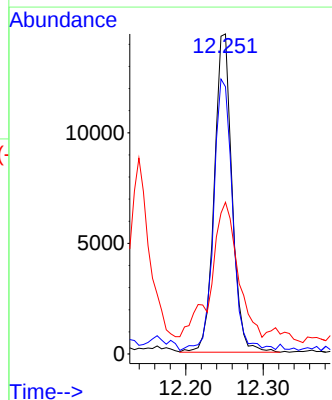
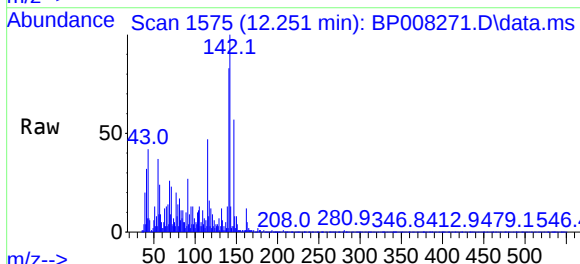
Instrument :
BNA_P
ClientSampleId :
DRUM1-2DL

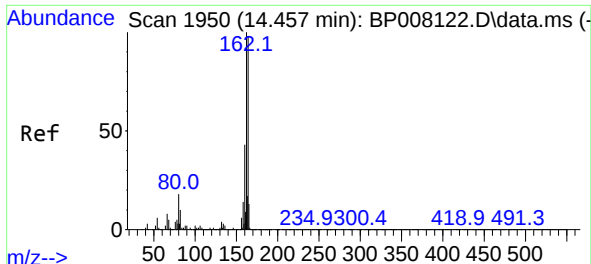
Tgt Ion:128 Resp: 533022
Ion Ratio Lower Upper
128 100
129 14.4 8.5 12.7#
127 14.8 10.9 16.3



#37
2-Methylnaphthalene
Concen: 2.378 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion:142 Resp: 22952
Ion Ratio Lower Upper
142 100
141 83.5 70.7 106.1
115 47.4 30.9 46.3#

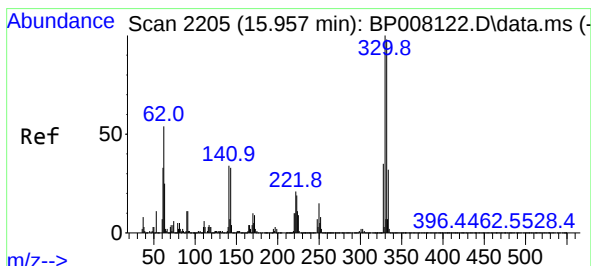
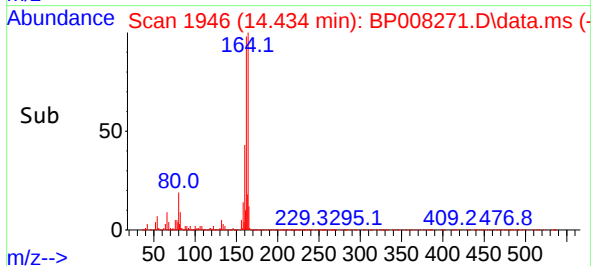
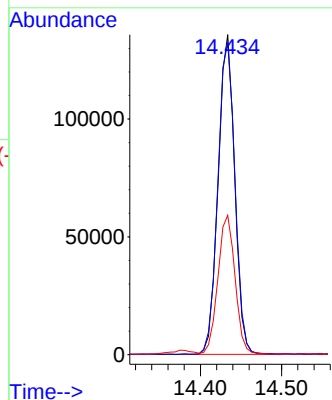
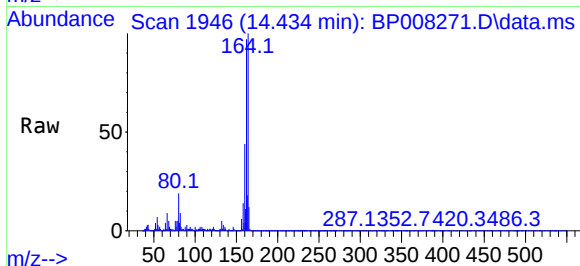




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

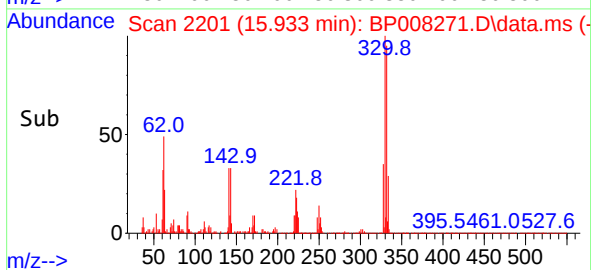
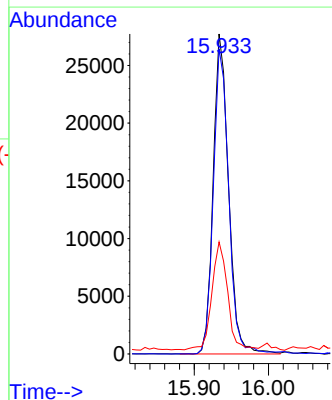
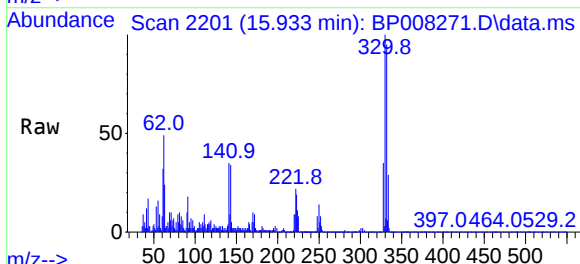
Instrument :
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ClientSampleId :
DRUM1-2DL

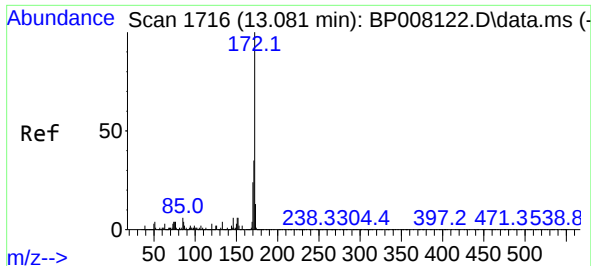
Tgt Ion:164 Resp: 192208
Ion Ratio Lower Upper
164 100
162 97.4 81.9 122.9
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 16.217 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion:330 Resp: 39841
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 33.9 28.4 42.6

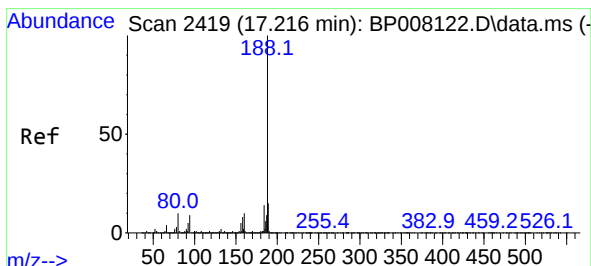
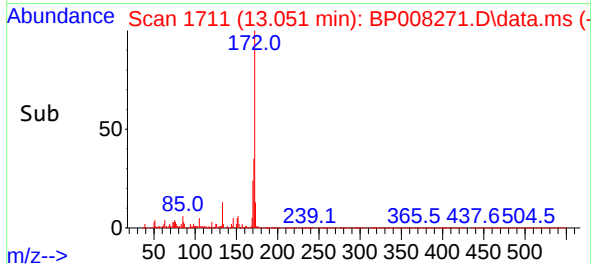
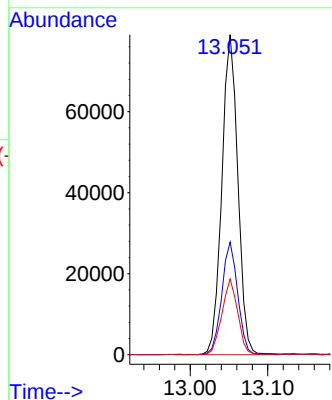
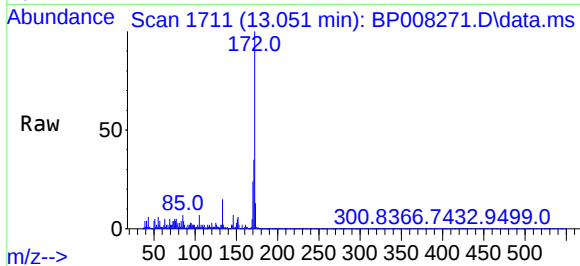




#45
2-Fluorobiphenyl
Concen: 8.580 ng
RT: 13.051 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

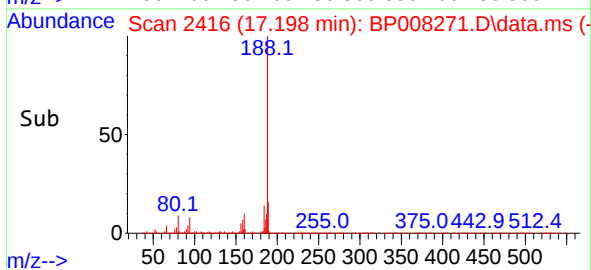
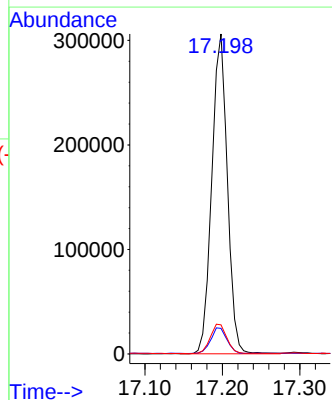
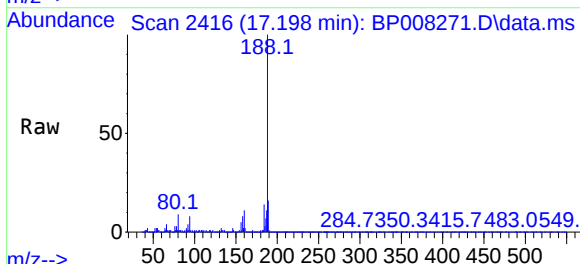
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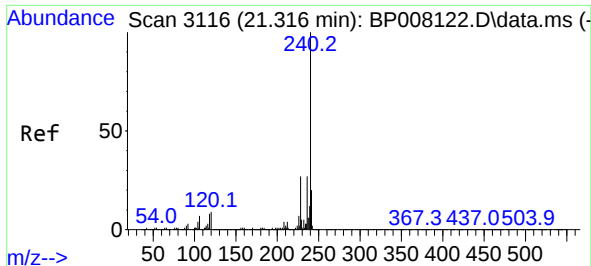
Tgt Ion:172 Resp: 113531
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion:188 Resp: 427104
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.1 8.2 12.4

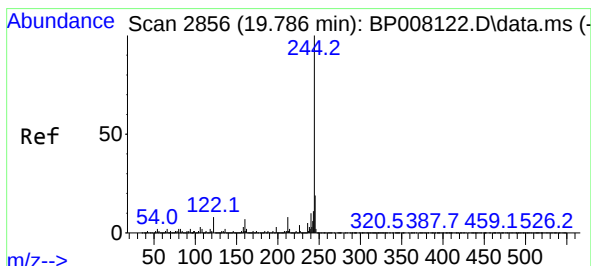
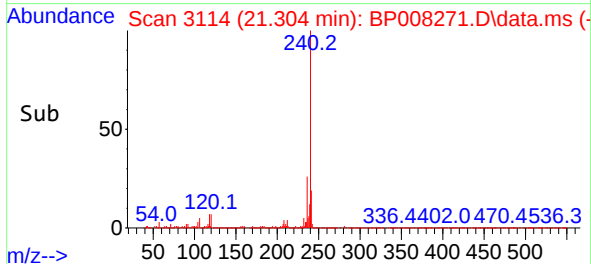
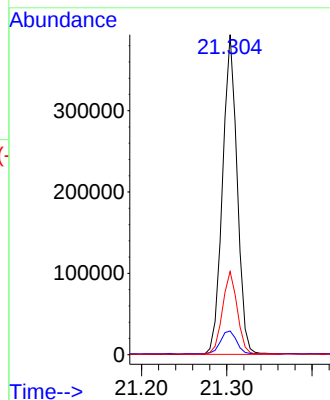
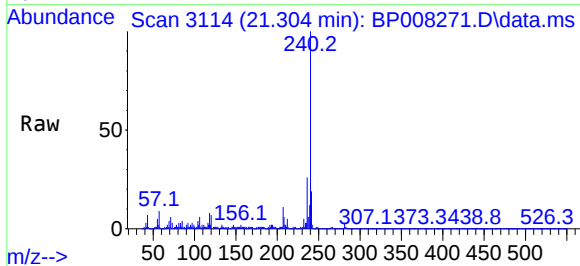




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

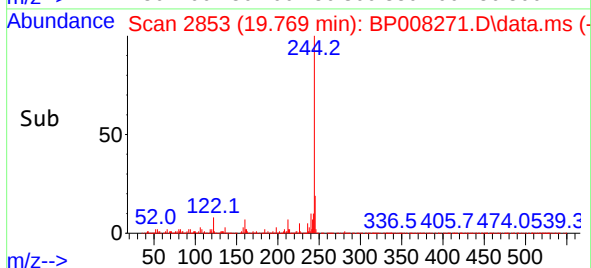
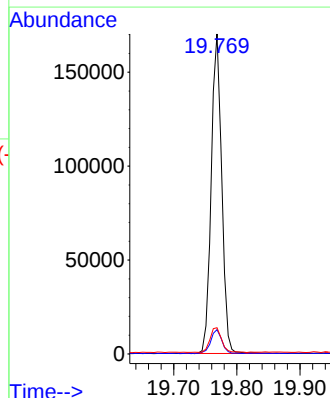
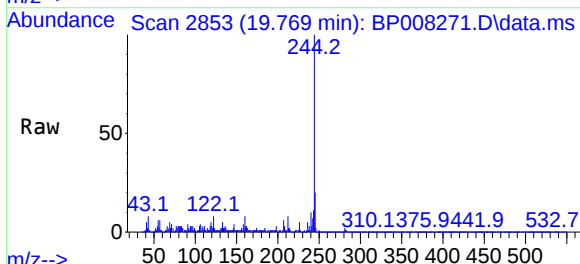
Instrument :
BNA_P
ClientSampleId :
DRUM1-2DL

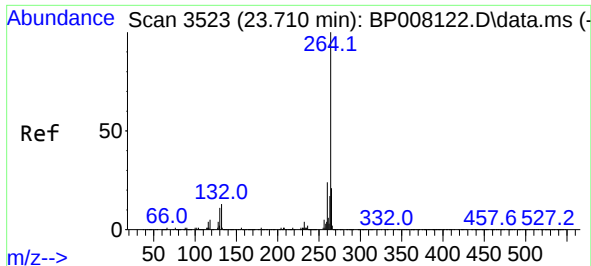
Tgt Ion:240 Resp: 468976
Ion Ratio Lower Upper
240 100
120 7.4 7.3 10.9
236 26.0 21.4 32.2



#79
Terphenyl-d14
Concen: 8.717 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008271.D
Acq: 08 Dec 2021 02:51

Tgt Ion:244 Resp: 195601
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.2 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008271.D
 Acq: 08 Dec 2021 02:51

Instrument :
 BNA_P
 ClientSampleId :
 DRUM1-2DL

Tgt Ion:264 Resp: 513176
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.6 17.6 26.4

