

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029261.D
 Acq On : 30 Mar 2021 01:23
 Operator : CG/JU
 Sample : M1786-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: Mar 30 05:18:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

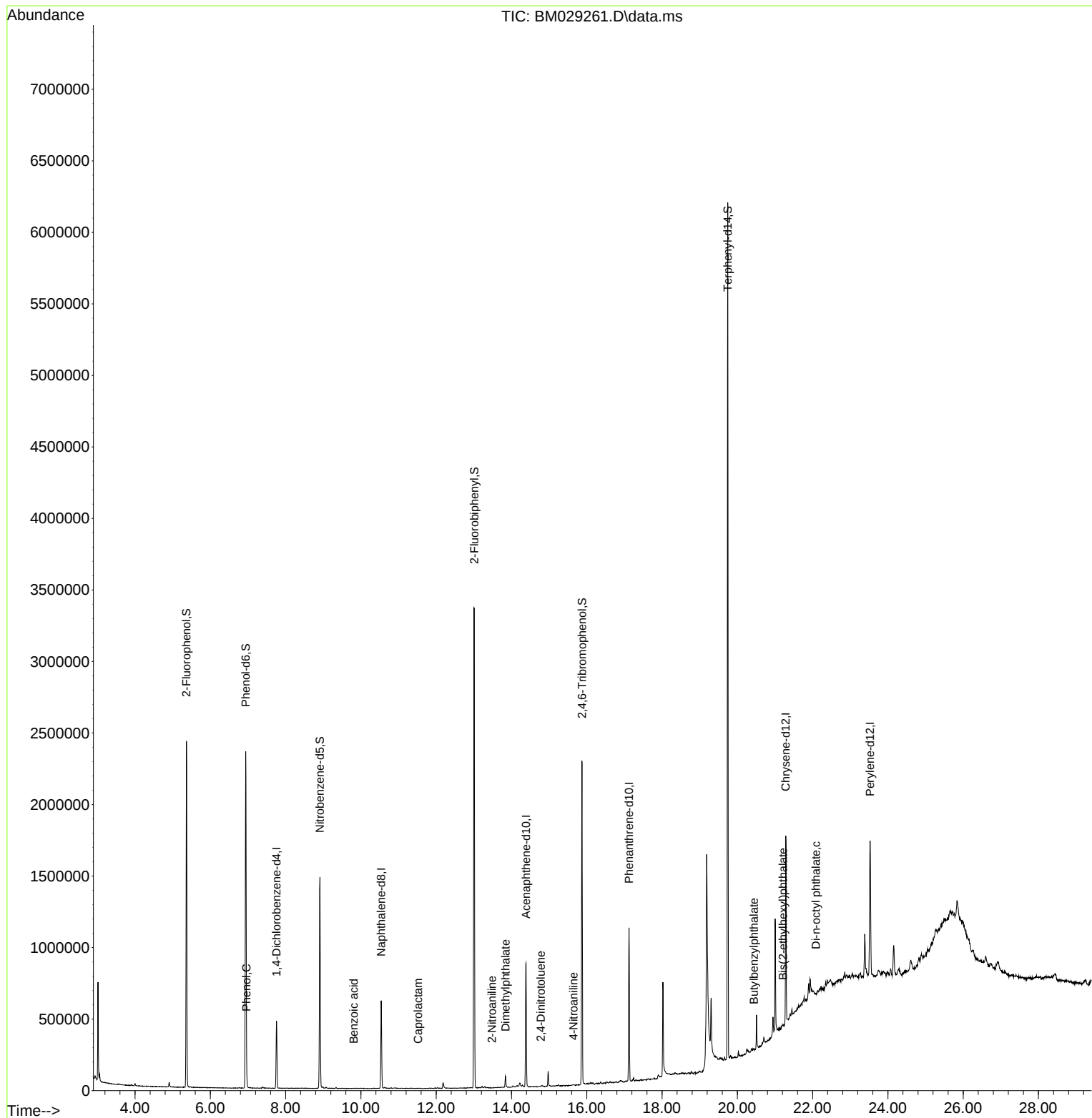
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	116408	20.00	ng	0.00
21) Naphthalene-d8	10.540	136	469079	20.00	ng	0.00
39) Acenaphthene-d10	14.387	164	284236	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	579191	20.00	ng	0.00
76) Chrysene-d12	21.286	240	564853	20.00	ng	0.00
86) Perylene-d12	23.527	264	598035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	911782	135.01	ng	0.01
7) Phenol-d6	6.940	99	1188906	122.68	ng	0.02
23) Nitrobenzene-d5	8.910	82	829880	85.90	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	329529	125.19	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	1655399	82.61	ng	0.00
79) Terphenyl-d14	19.745	244	2361159	83.98	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.963	94	20918	2.18	ng	78
32) Benzoic acid	9.810	122	95	4.49	ng	# 42
35) Caprolactam	11.522	113	118	4.91	ng	# 1
48) 2-Nitroaniline	13.481	65	442	3.35	ng	# 36
50) Dimethylphthalate	13.839	163	47495	2.39	ng	98
57) 2,4-Dinitrotoluene	14.781	165	116	3.19	ng	# 17
62) 4-Nitroaniline	15.645	138	202	3.62	ng	85
80) Butylbenzylphthalate	20.439	149	472	3.61	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.215	149	5068	3.79	ng	# 83
85) Di-n-octyl phthalate	22.092	149	599	4.08	ng	# 1

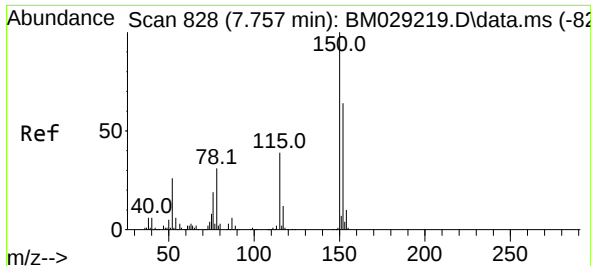
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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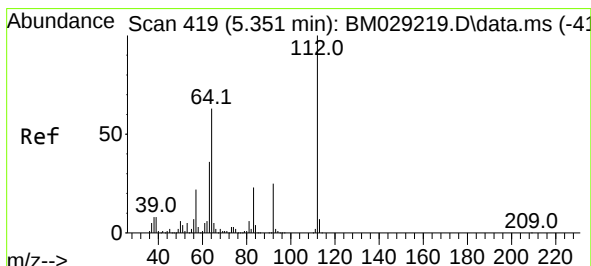
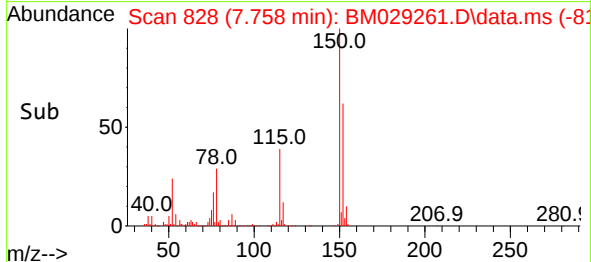
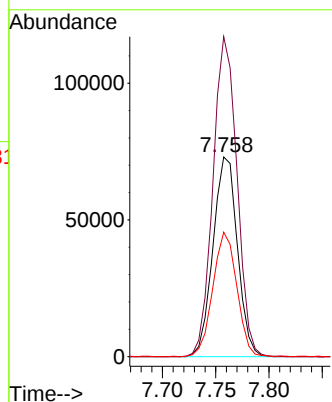
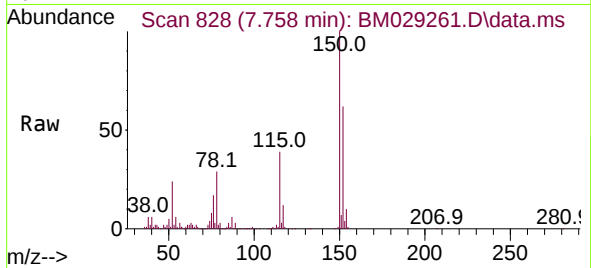




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 828
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

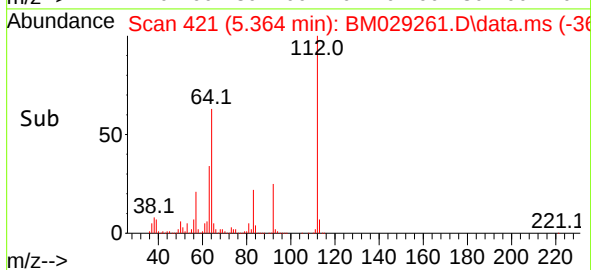
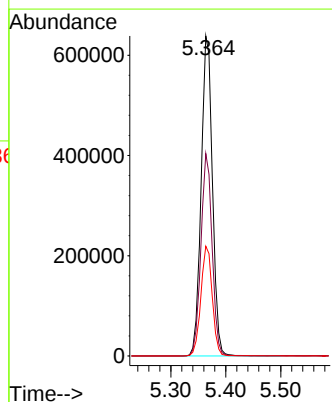
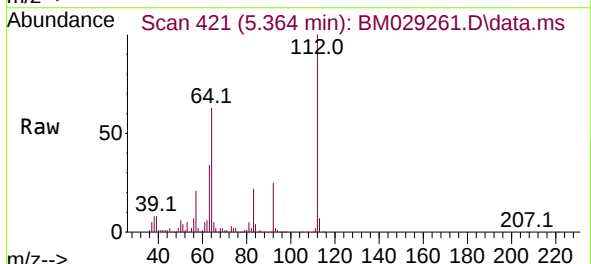
Instrument :
BNA_M
ClientSampleId :
SP-1

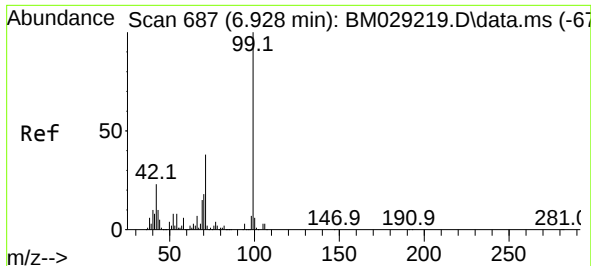
Tgt Ion:152 Resp: 116408
Ion Ratio Lower Upper
152 100
150 160.3 124.3 186.5
115 62.3 46.4 69.6



#5
2-Fluorophenol
Concen: 135.01 ng
RT: 5.364 min Scan# 421
Delta R.T. 0.012 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:112 Resp: 911782
Ion Ratio Lower Upper
112 100
64 63.3 51.6 77.4
63 34.3 29.0 43.4



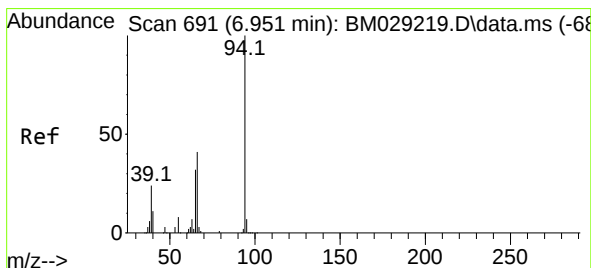
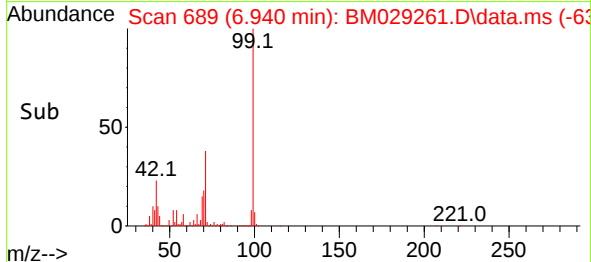
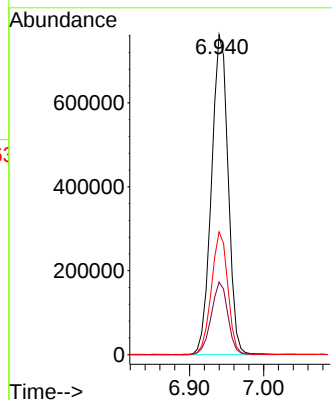
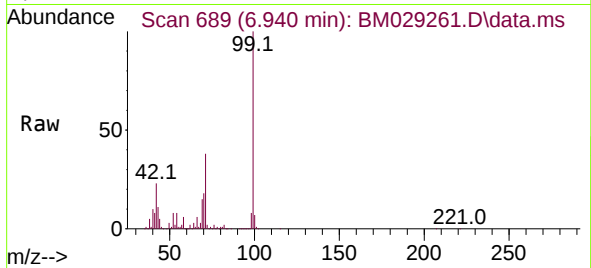


#7
Phenol-d6
Concen: 122.68 ng
RT: 6.940 min Scan# 689
Delta R.T. 0.018 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 1188906

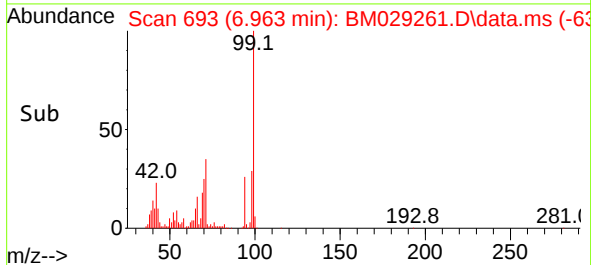
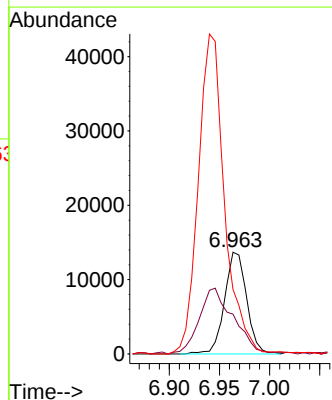
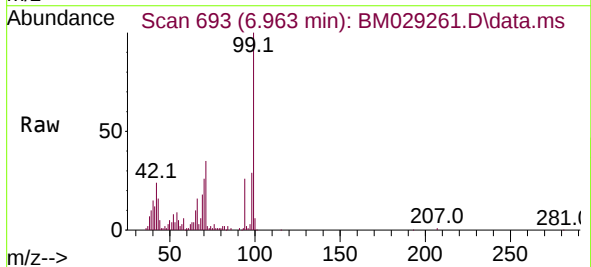
Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.5	27.7
71	38.4	31.8	47.6

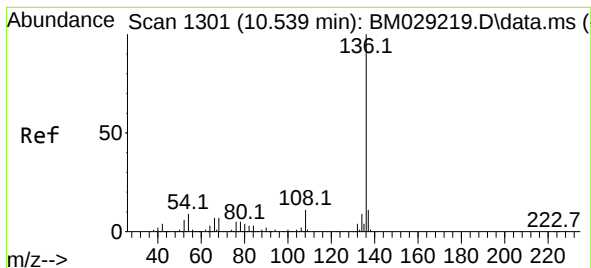


#10
Phenol
Concen: 2.18 ng
RT: 6.963 min Scan# 693
Delta R.T. 0.018 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion: 94 Resp: 20918

Ion	Ratio	Lower	Upper
94	100		
65	39.1	13.0	53.0
66	63.4	24.1	64.1

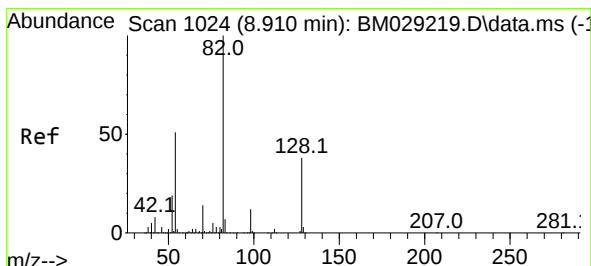
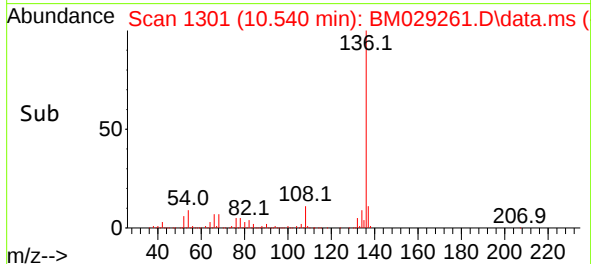
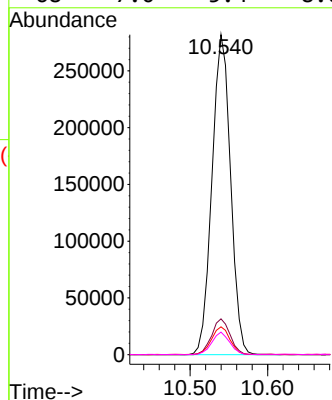
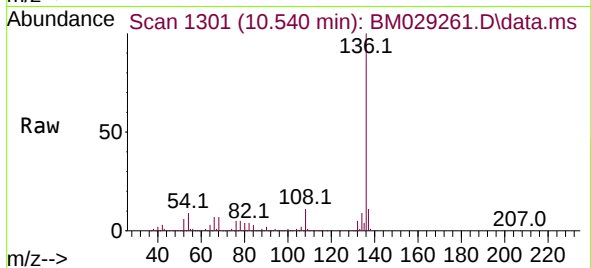




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.540 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

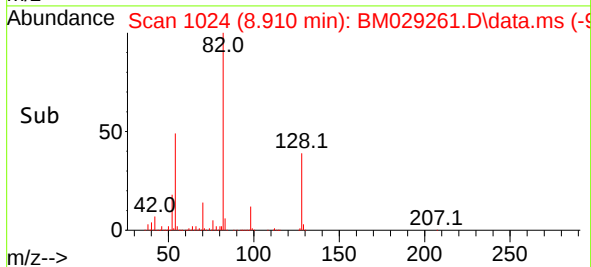
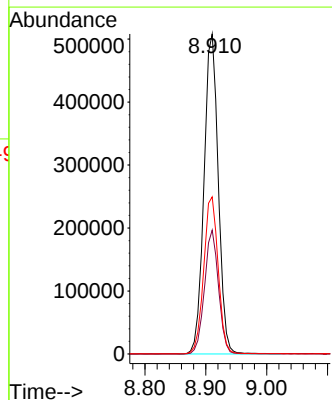
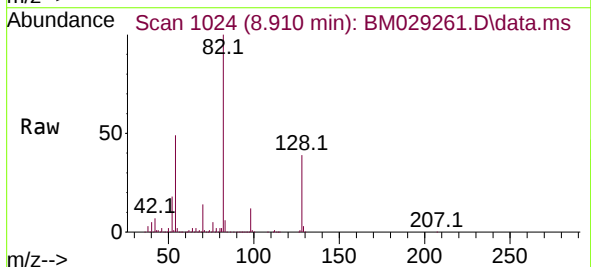
Instrument :
BNA_M
ClientSampled :
SP-1

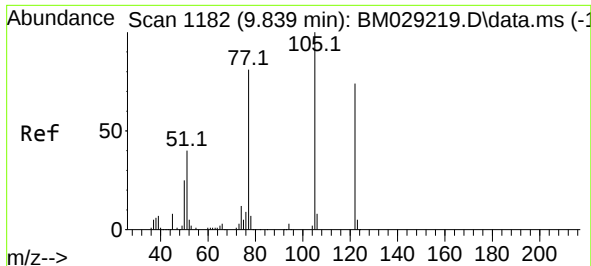
Tgt Ion:	136	Resp:	469079
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.7	6.9	10.3
68	7.0	5.4	8.0



#23
Nitrobenzene-d5
Concen: 85.90 ng
RT: 8.910 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:	82	Resp:	829880
Ion	Ratio	Lower	Upper
82	100		
128	38.7	28.6	42.8
54	49.1	40.7	61.1

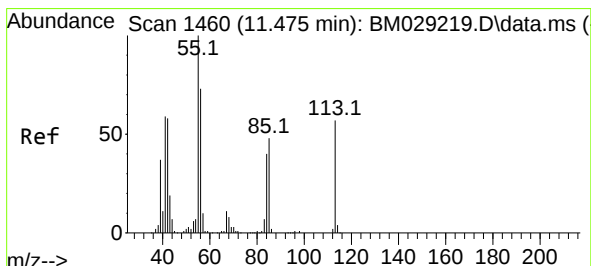
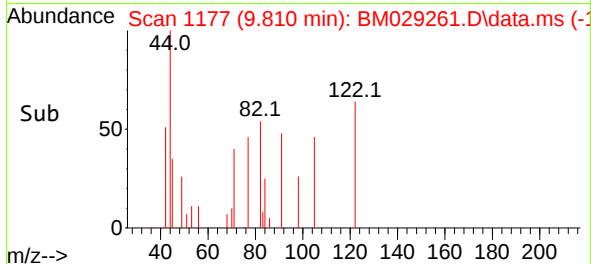
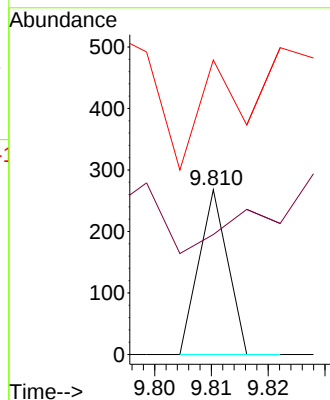
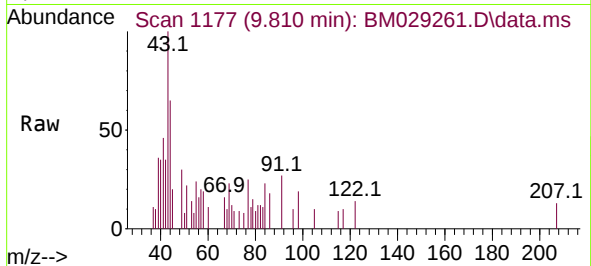




#32
Benzoic acid
Concen: 4.49 ng
RT: 9.810 min Scan# 1177
Delta R.T. -0.018 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

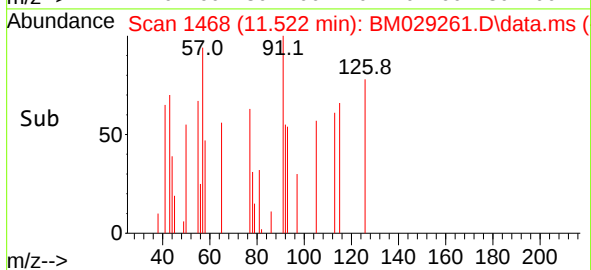
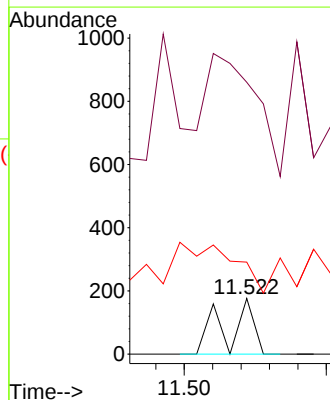
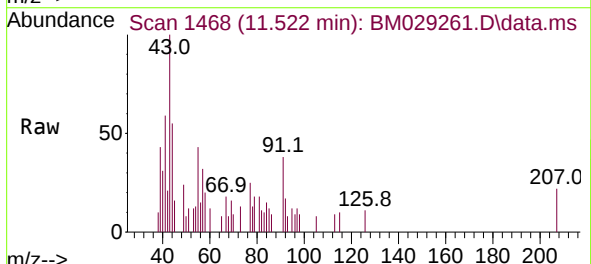
Instrument :
BNA_M
ClientSampled :
SP-1

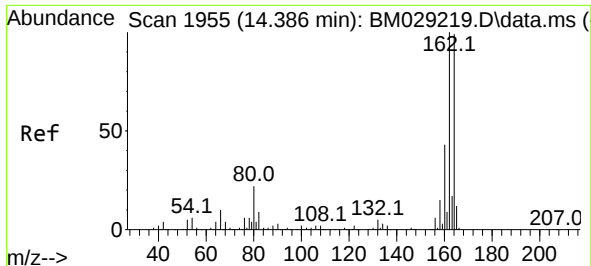
Tgt Ion:122 Resp: 95
Ion Ratio Lower Upper
122 100
105 72.8 108.2 148.2#
77 178.7 86.0 126.0#



#35
Caprolactam
Concen: 4.91 ng
RT: 11.522 min Scan# 1468
Delta R.T. 0.059 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:113 Resp: 118
Ion Ratio Lower Upper
113 100
55 488.6 149.4 189.4#
56 165.3 110.8 150.8#

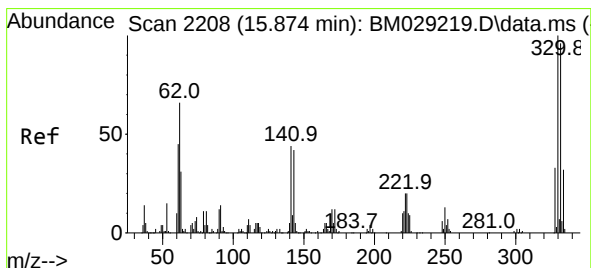
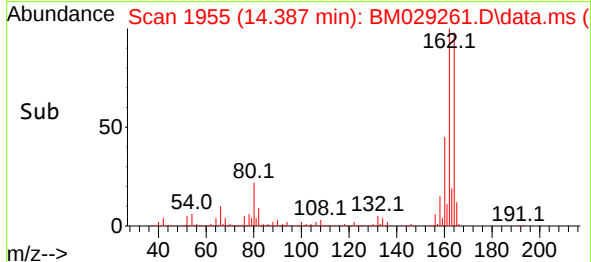
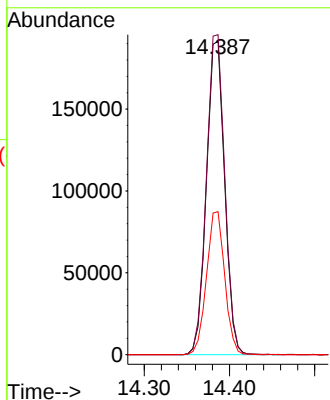
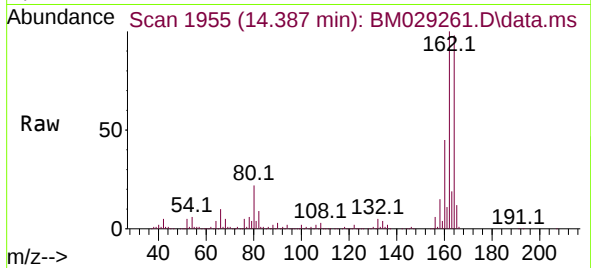




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.387 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

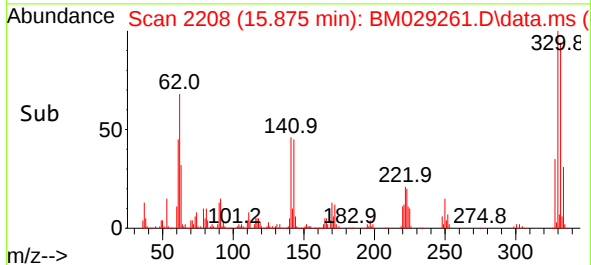
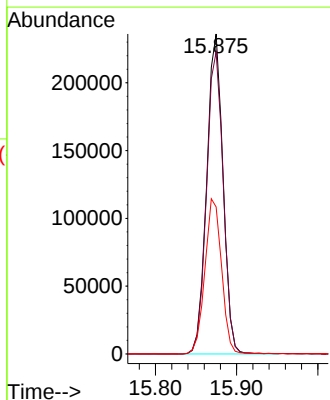
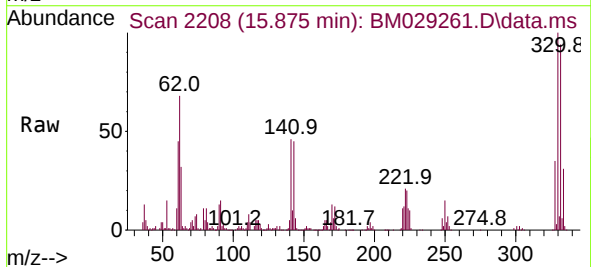
Instrument :
BNA_M
ClientSampled :
SP-1

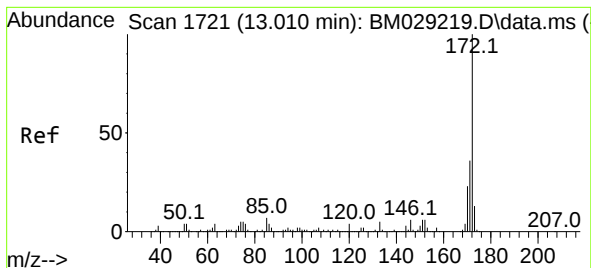
Tgt Ion:164 Resp: 284236
Ion Ratio Lower Upper
164 100
162 102.1 84.4 126.6
160 45.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 125.19 ng
RT: 15.875 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:330 Resp: 329529
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 49.6 39.2 58.8

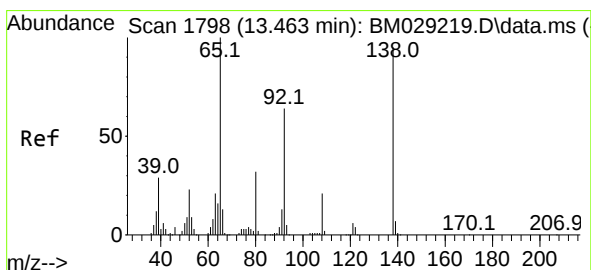
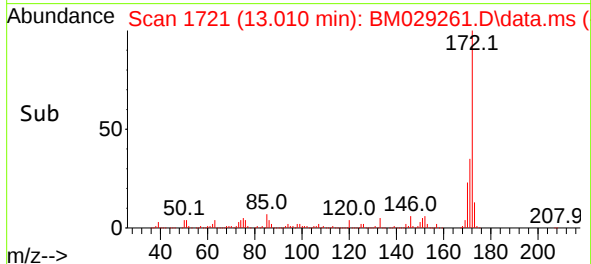
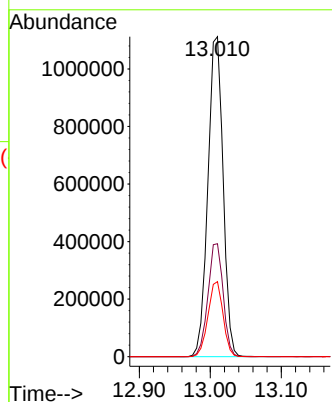
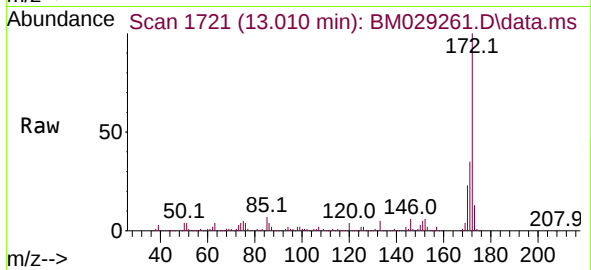




#45
2-Fluorobiphenyl
Concen: 82.61 ng
RT: 13.010 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

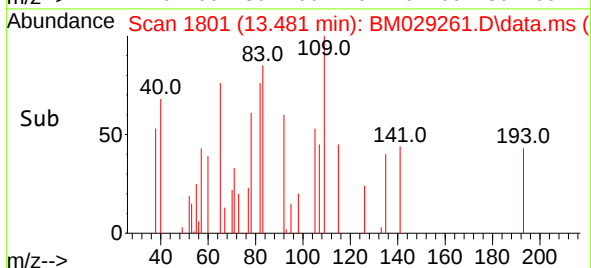
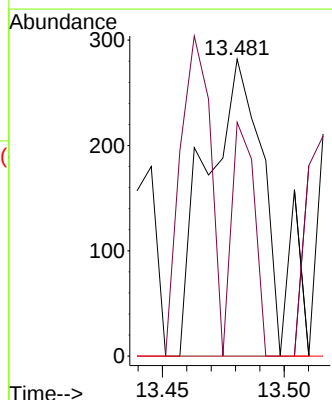
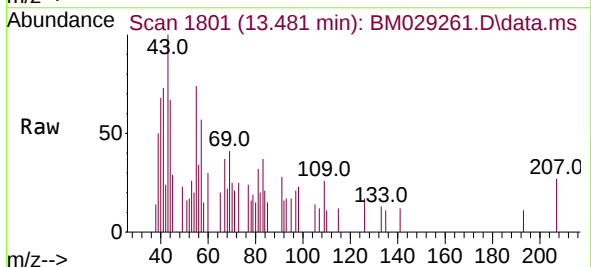
Instrument :
BNA_M
ClientSampled :
SP-1

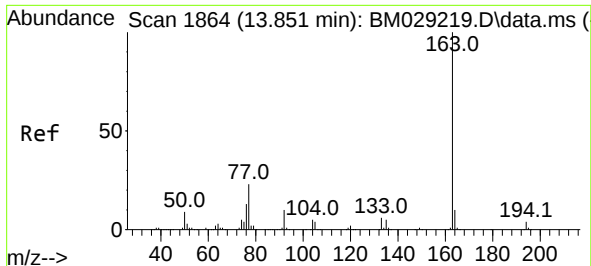
Tgt Ion:172 Resp: 1655399
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 18.8 28.2



#48
2-Nitroaniline
Concen: 3.35 ng
RT: 13.481 min Scan# 1801
Delta R.T. 0.029 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion: 65 Resp: 442
Ion Ratio Lower Upper
65 100
92 78.7 52.4 78.6#
138 0.0 75.0 112.6#

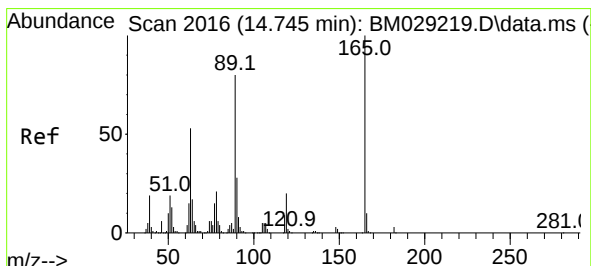
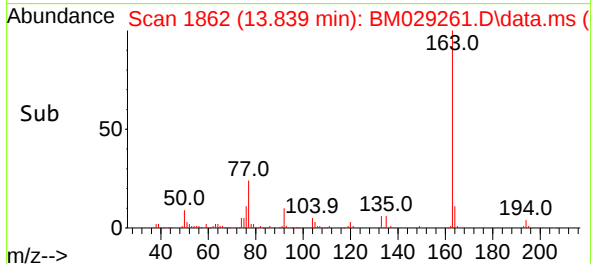
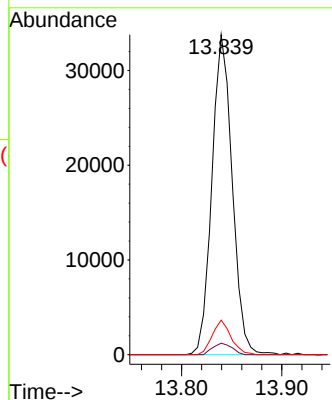
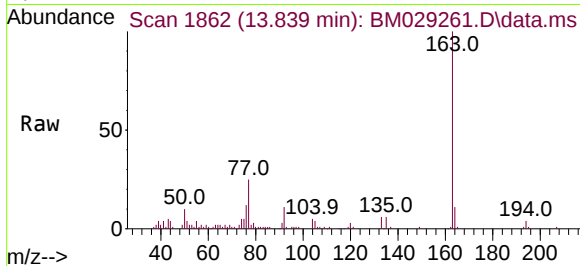




#50
Dimethylphthalate
Concen: 2.39 ng
RT: 13.839 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

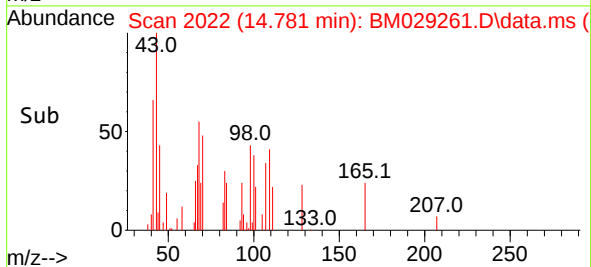
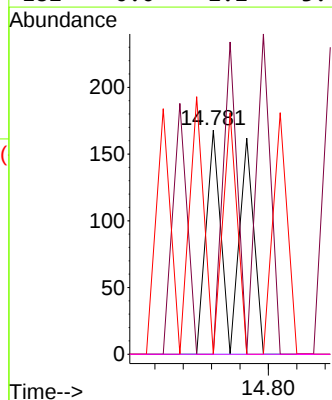
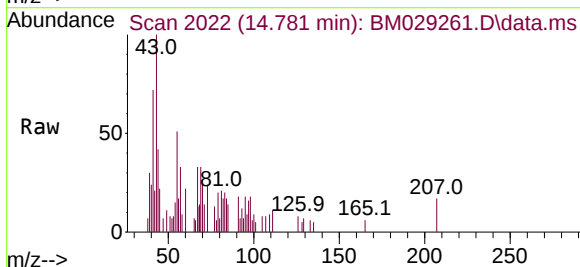
Instrument :
BNA_M
ClientSampleId :
SP-1

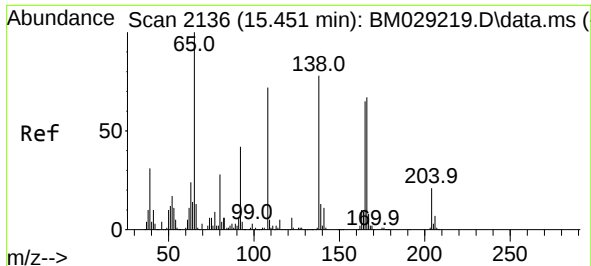
Tgt Ion:163 Resp: 47495
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.8 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 3.19 ng
RT: 14.781 min Scan# 2022
Delta R.T. 0.041 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:165 Resp: 116
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 65.6 98.4#
182 0.0 2.2 3.4#

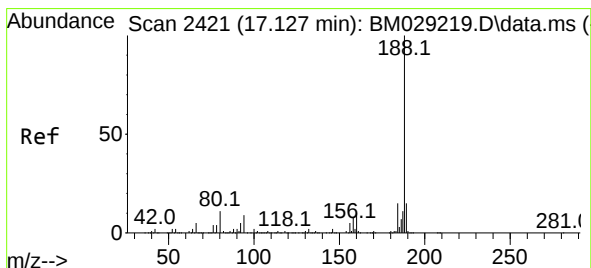
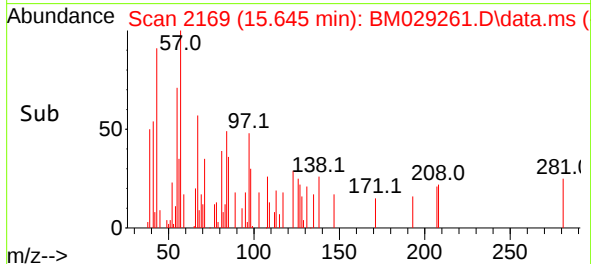
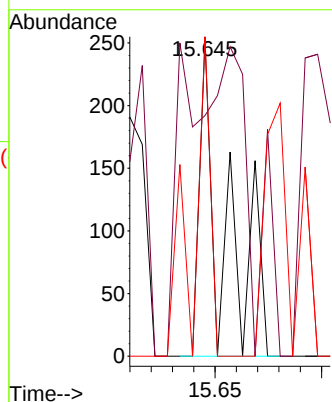
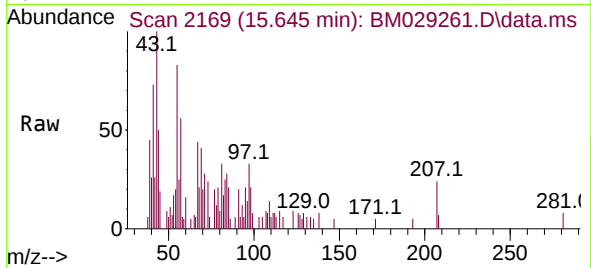




#62
4-Nitroaniline
Concen: 3.62 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.206 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

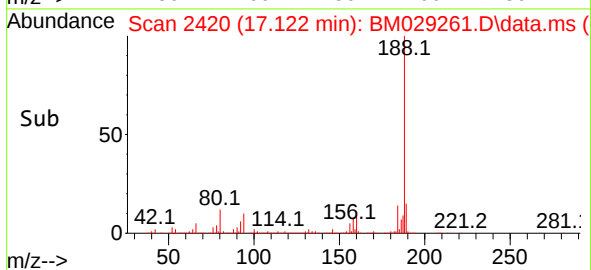
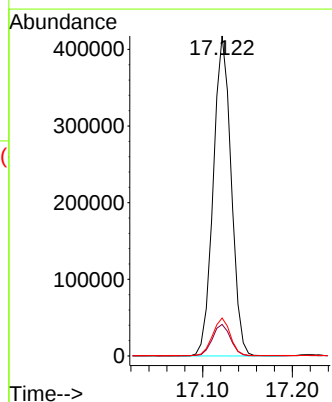
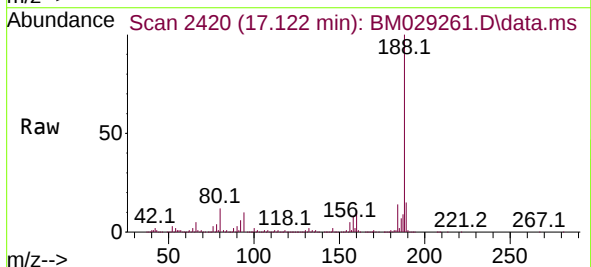
Instrument :
BNA_M
ClientSampled :
SP-1

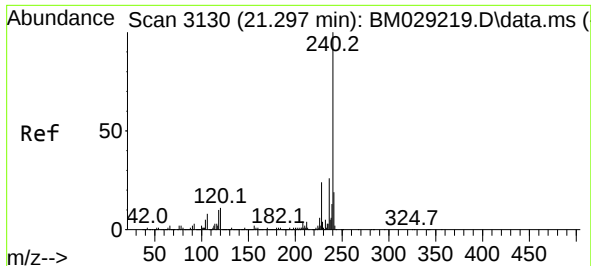
Tgt Ion:138 Resp: 202
Ion Ratio Lower Upper
138 100
92 76.2 38.2 78.2
108 101.2 71.7 111.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:188 Resp: 579191
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 11.8 9.2 13.8

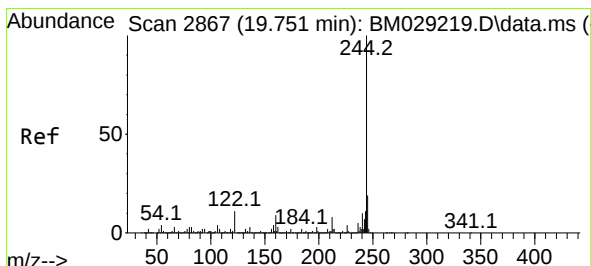
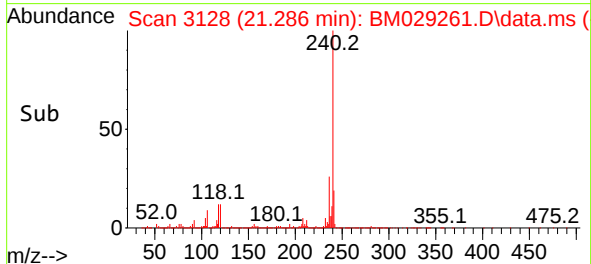
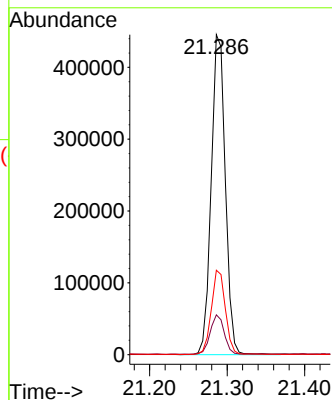
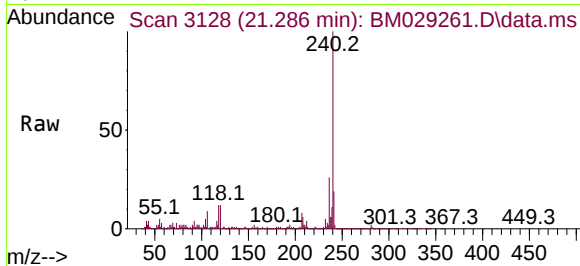




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

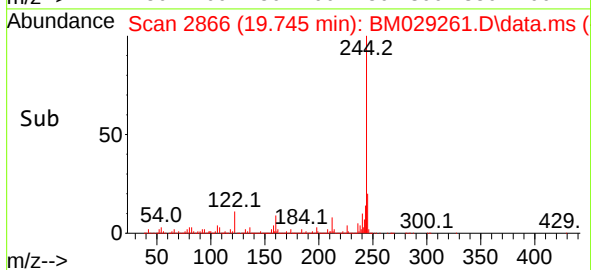
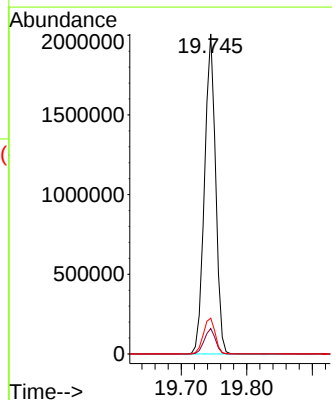
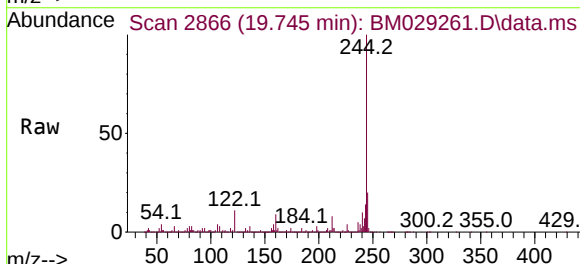
Instrument :
BNA_M
ClientSampled :
SP-1

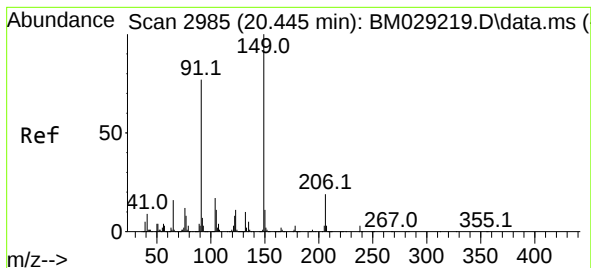
Tgt Ion:240 Resp: 564853
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 83.98 ng
RT: 19.745 min Scan# 2866
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:244 Resp: 2361159
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.2 9.2 13.8





#80

Butylbenzylphthalate

Concen: 3.61 ng

RT: 20.439 min Scan# 2984

Delta R.T. 0.006 min

Lab File: BM029261.D

Acq: 30 Mar 2021 01:23

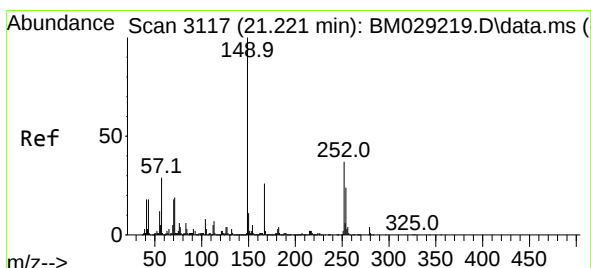
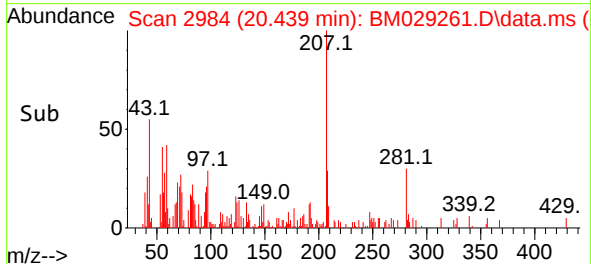
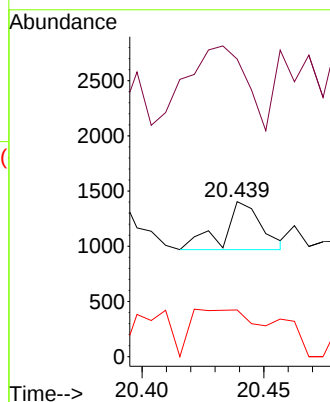
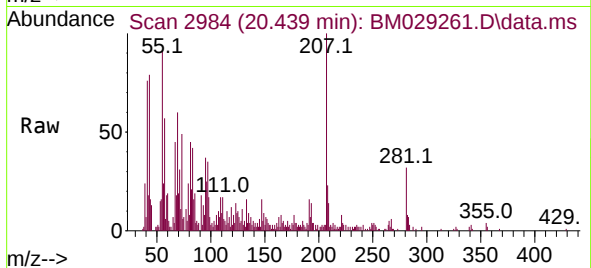
Tgt Ion:	149	Resp:	472
Ion Ratio	Lower	Upper	
149	100		
91	192.0	60.5	90.7#
206	30.1	15.7	23.5#

Instrument :

BNA_M

ClientSampleId :

SP-1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.79 ng

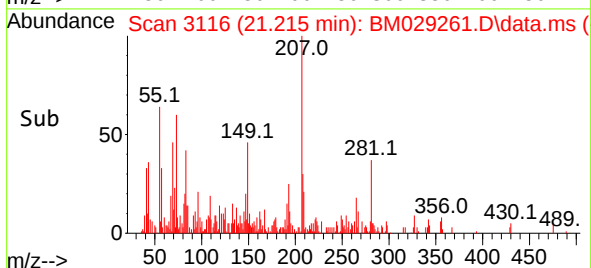
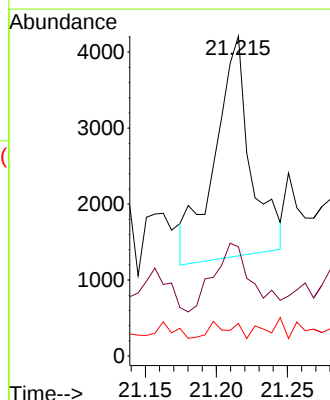
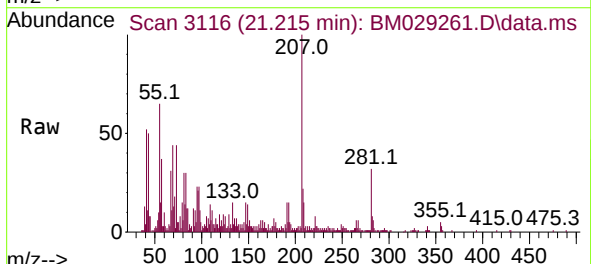
RT: 21.215 min Scan# 3116

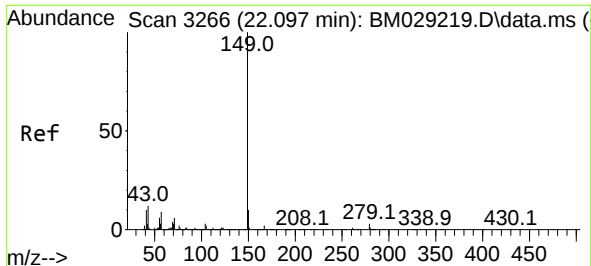
Delta R.T. 0.006 min

Lab File: BM029261.D

Acq: 30 Mar 2021 01:23

Tgt Ion:	149	Resp:	5068
Ion Ratio	Lower	Upper	
149	100		
167	34.1	20.6	31.0#
279	10.2	3.3	4.9#

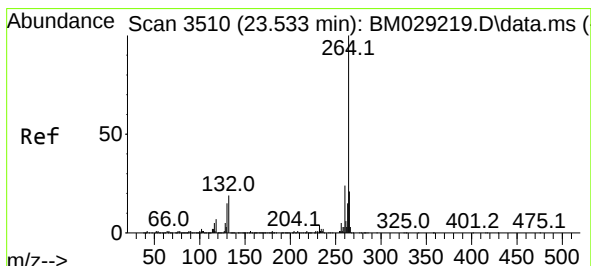
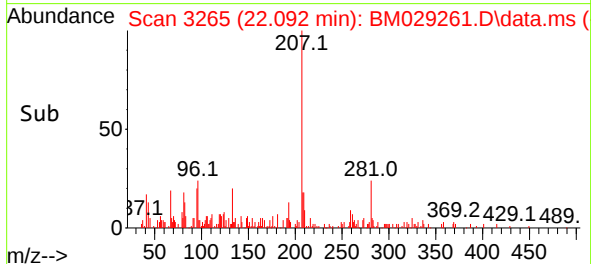
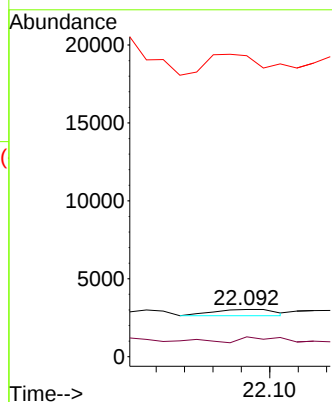
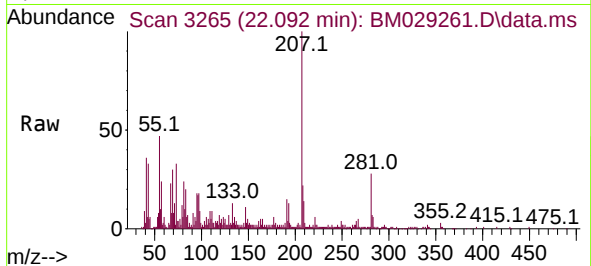




#85
Di-n-octyl phthalate
Concen: 4.08 ng
RT: 22.092 min Scan# 3265
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Instrument :
BNA_M
ClientSampled :
SP-1

Tgt Ion:149 Resp: 599
Ion Ratio Lower Upper
149 100
167 78.1 1.3 1.9#
43 339.2 9.8 14.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.527 min Scan# 3509
Delta R.T. 0.006 min
Lab File: BM029261.D
Acq: 30 Mar 2021 01:23

Tgt Ion:264 Resp: 598035
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.3 17.8 26.8

