

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
 Data File : BM029010.D
 Acq On : 05 Mar 2021 23:46
 Operator : CG/JU
 Sample : M1552-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 435-416

Quant Time: Mar 06 00:28:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

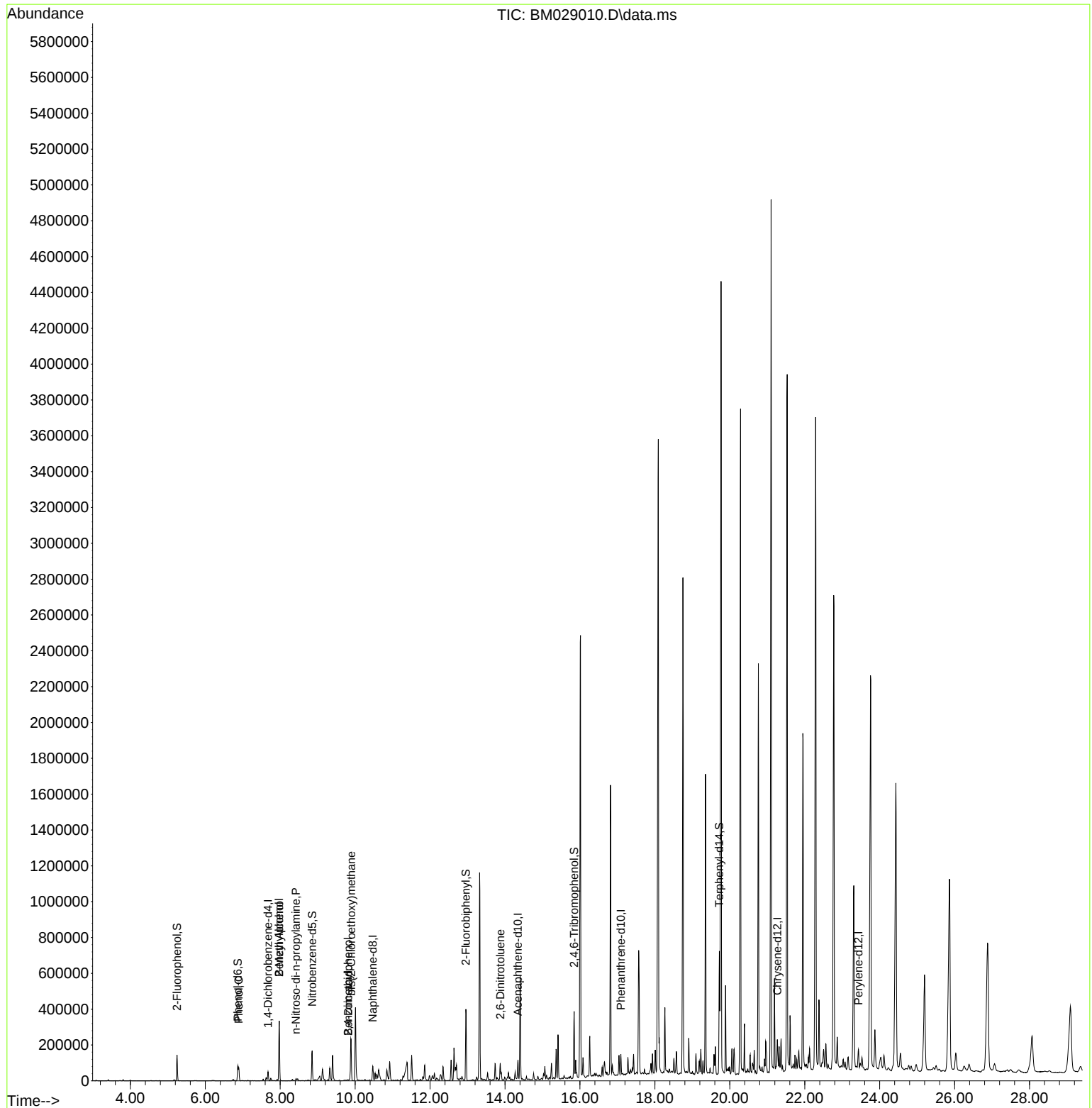
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	12434	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	48917	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	28867	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	58917	20.00	ng	0.00
76) Chrysene-d12	21.268	240	55832	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	55411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	53421	71.21	ng	0.00
7) Phenol-d6	6.869	99	39591	39.96	ng	0.00
23) Nitrobenzene-d5	8.851	82	81035	89.38	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	47082	137.61	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	180673	83.32	ng	0.00
79) Terphenyl-d14	19.721	244	241648	79.92	ng	0.00
Target Compounds						
10) Phenol	6.892	94	31938	32.44	ng	Qvalue 94
15) Benzyl Alcohol	7.975	79	6345	8.96	ng	# 1
17) 2-Methylphenol	7.975	107	2098	3.14	ng	# 1
19) n-Nitroso-di-n-propyla...	8.422	70	1237	2.12	ng	# 1
27) 2,4-Dimethylphenol	9.810	122	1895	2.71	ng	# 1
28) bis(2-Chloroethoxy)met...	9.892	93	7537	8.31	ng	# 1
32) Benzoic acid	9.810	122	1895	3.78	ng	92
51) 2,6-Dinitrotoluene	13.874	165	7534	14.77	ng	# 21

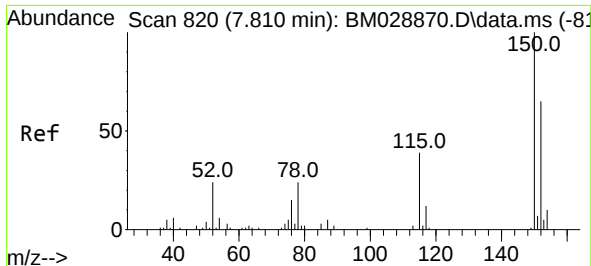
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
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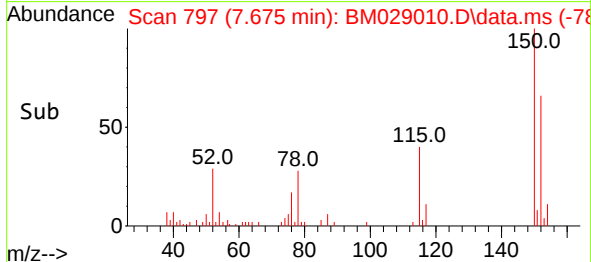
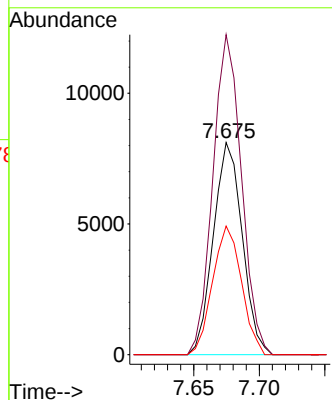
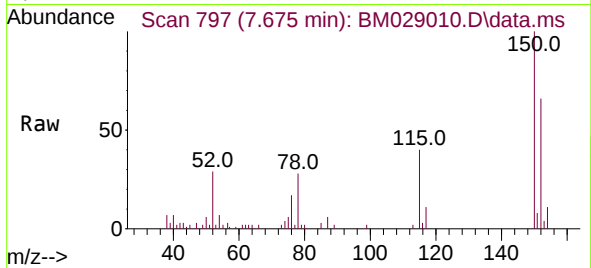




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

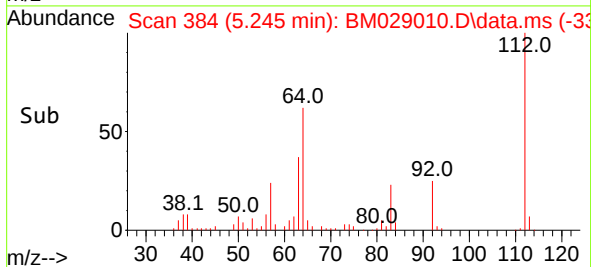
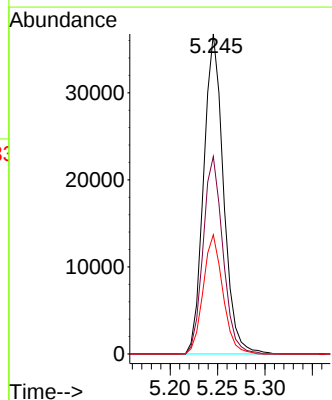
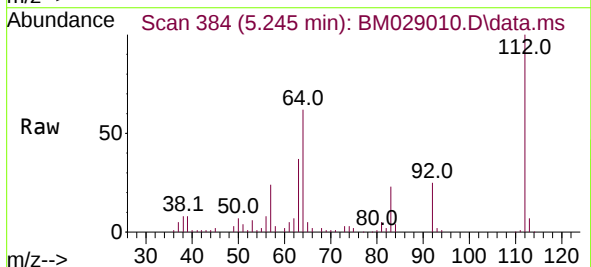
Instrument :
BNA_M
ClientSampleId :
435-416

Tgt Ion:152 Resp: 12434
Ion Ratio Lower Upper
152 100
150 150.9 120.6 181.0
115 60.7 47.2 70.8



#5
2-Fluorophenol
Concen: 71.21 ng
RT: 5.245 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:112 Resp: 53421
Ion Ratio Lower Upper
112 100
64 61.7 50.6 76.0
63 37.3 31.0 46.6

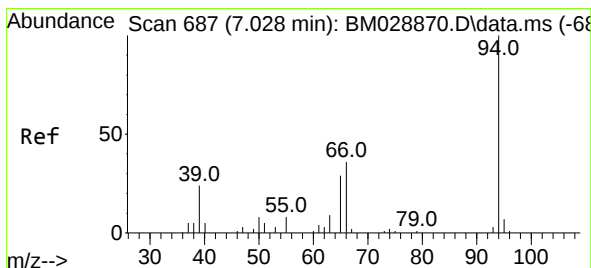
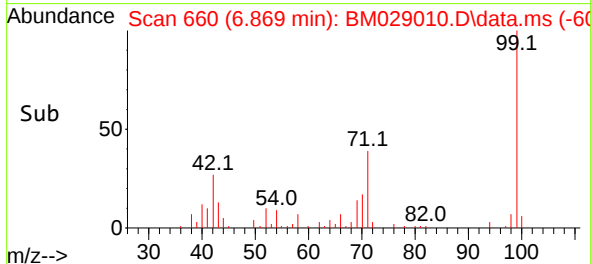
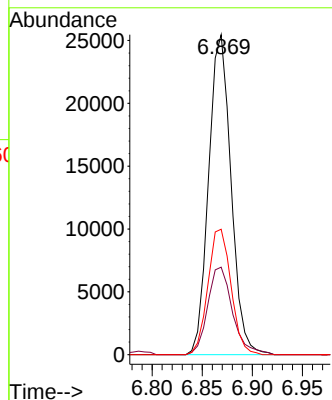
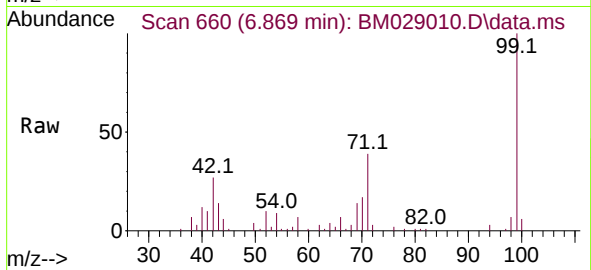




#7
Phenol-d6
Concen: 39.96 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

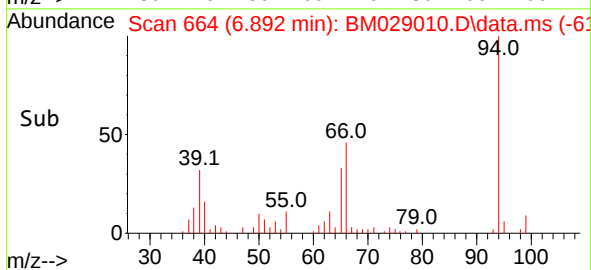
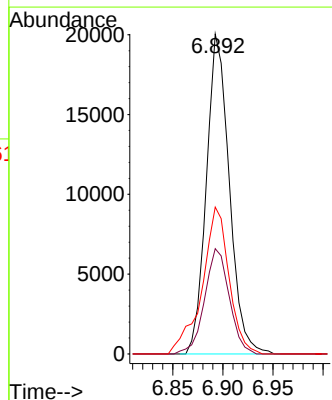
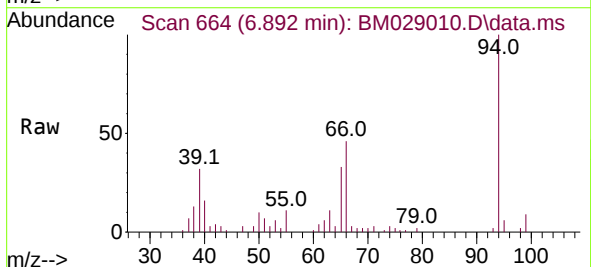
Instrument :
BNA_M
ClientSampleId :
435-416

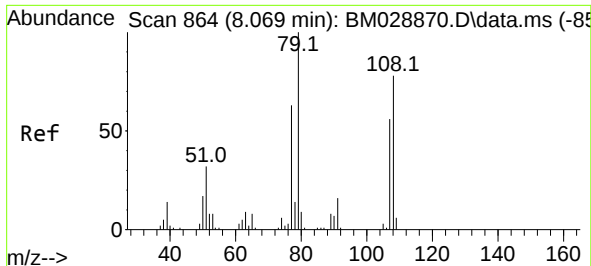
Tgt Ion: 99 Resp: 39591
Ion Ratio Lower Upper
99 100
42 27.4 13.5 20.3#
71 39.2 39.4 59.0#



#10
Phenol
Concen: 32.44 ng
RT: 6.892 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 94 Resp: 31938
Ion Ratio Lower Upper
94 100
65 32.9 16.4 56.4
66 45.9 30.2 70.2

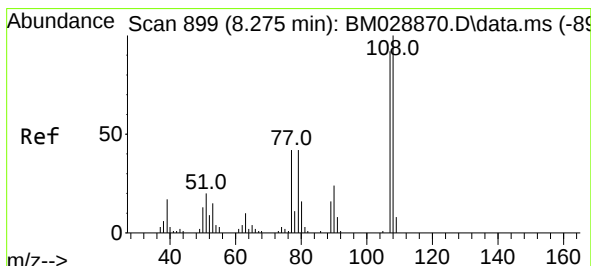
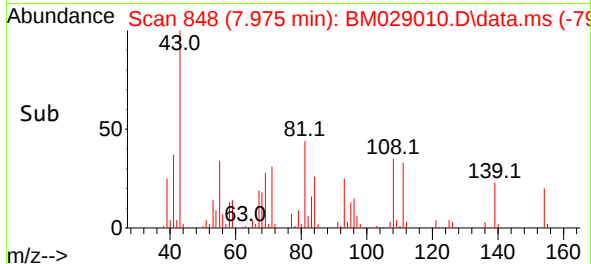
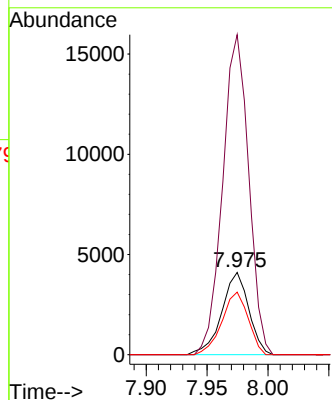
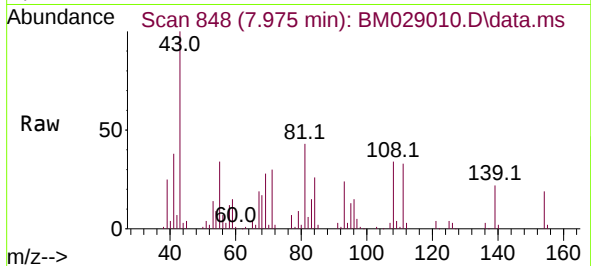




#15
Benzyl Alcohol
Concen: 8.96 ng
RT: 7.975 min Scan# 848
Delta R.T. 0.035 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

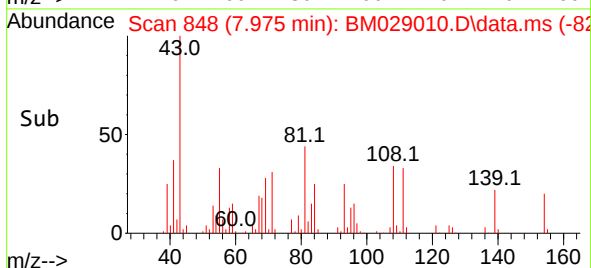
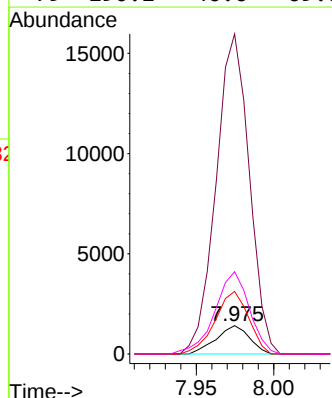
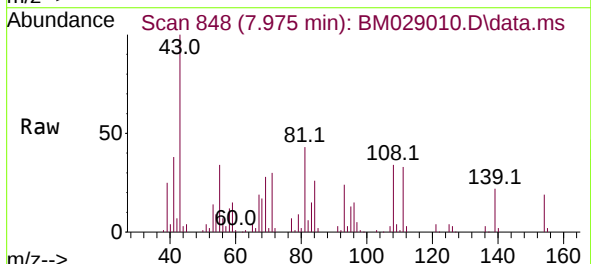
Instrument :
BNA_M
ClientSampleId :
435-416

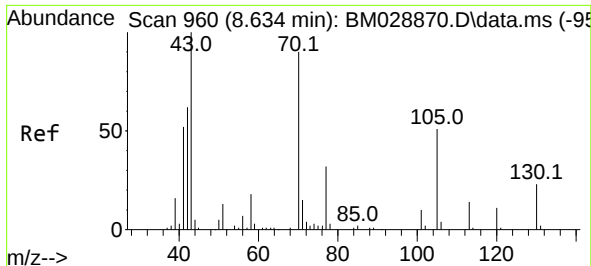
Tgt Ion: 79 Resp: 6345
Ion Ratio Lower Upper
79 100
108 388.8 49.0 73.4#
77 76.0 55.2 82.8



#17
2-Methylphenol
Concen: 3.14 ng
RT: 7.975 min Scan# 848
Delta R.T. -0.171 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 107 Resp: 2098
Ion Ratio Lower Upper
107 100
108 1128.6 87.8 131.6#
77 220.6 50.9 76.3#
79 290.2 46.6 69.8#



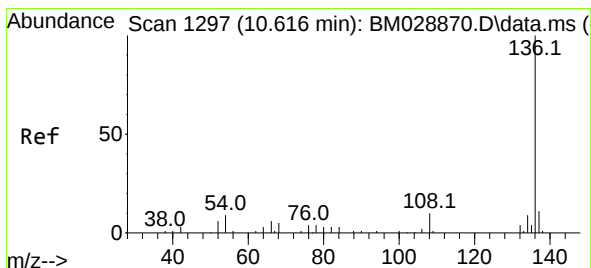
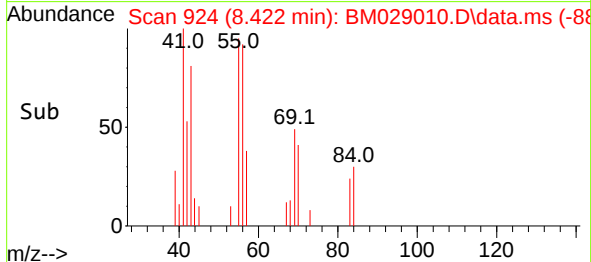
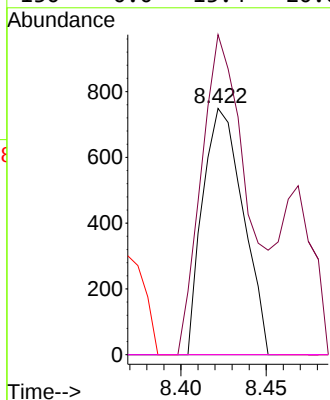
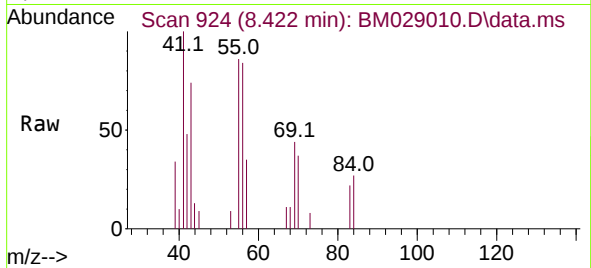


#19
n-Nitroso-di-n-propylamine
Concen: 2.12 ng
RT: 8.422 min Scan# 924
Delta R.T. -0.082 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Instrument :
BNA_M
ClientSampleId :
435-416

Tgt Ion: 70 Resp: 1237

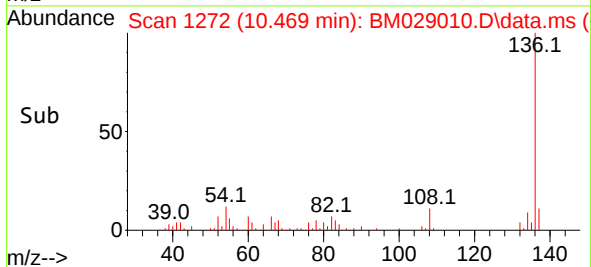
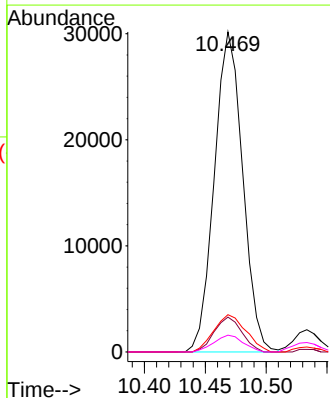
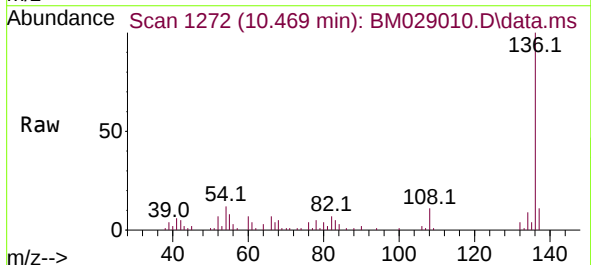
Ion	Ratio	Lower	Upper
70	100		
42	129.9	31.9	47.9#
101	0.0	7.0	10.4#
130	0.0	13.4	20.0#

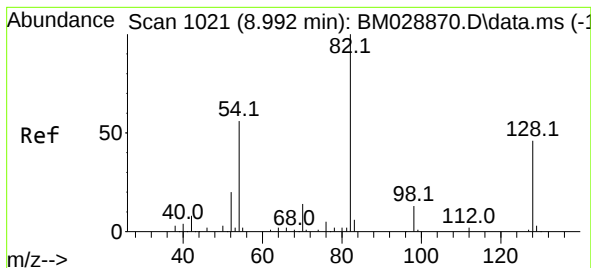


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 136 Resp: 48917

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	11.6	4.6	7.0#
68	5.2	4.1	6.1

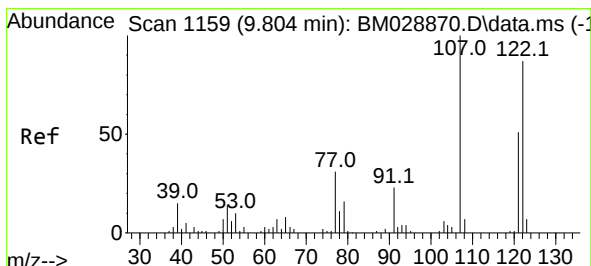
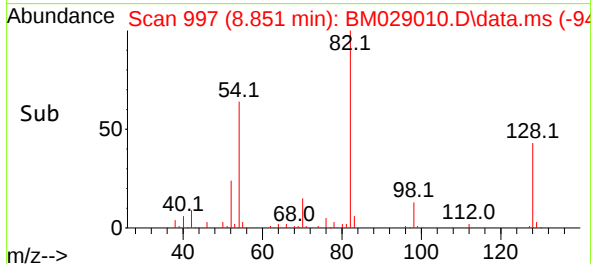
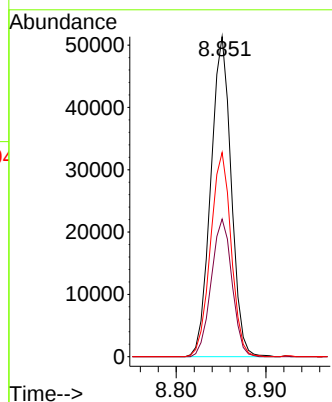
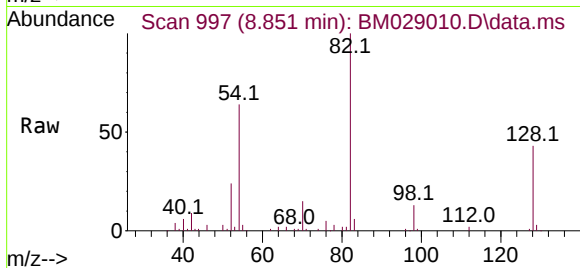




#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

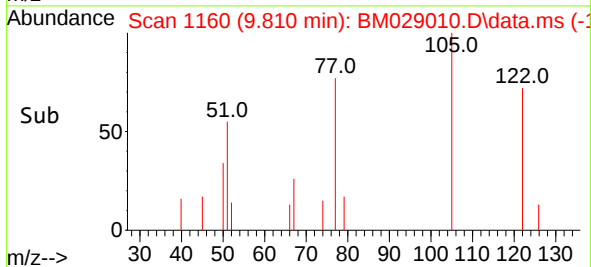
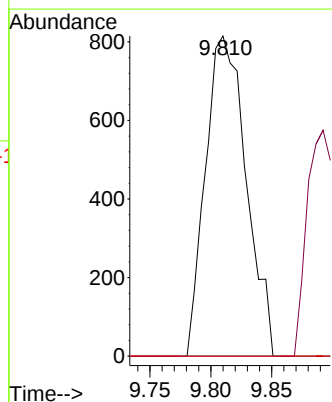
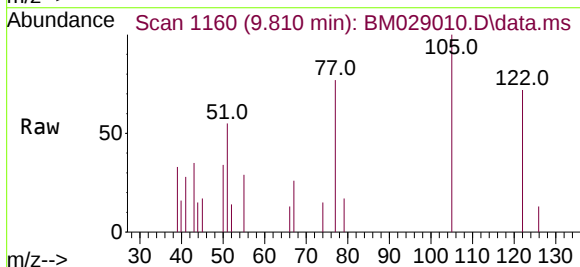
Instrument :
BNA_M
ClientSampleId :
435-416

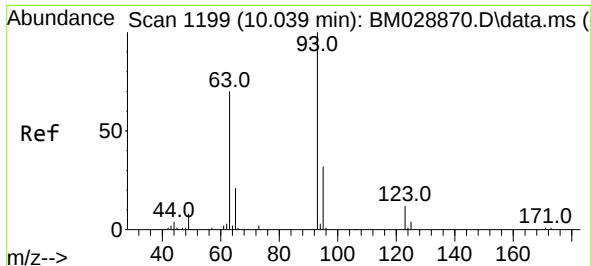
Tgt Ion: 82 Resp: 81035
Ion Ratio Lower Upper
82 100
128 43.0 27.4 41.0#
54 63.8 31.4 47.0#



#27
2,4-Dimethylphenol
Concen: 2.71 ng
RT: 9.810 min Scan# 1160
Delta R.T. 0.135 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 122 Resp: 1895
Ion Ratio Lower Upper
122 100
107 0.0 106.6 159.8#
121 0.0 48.8 73.2#

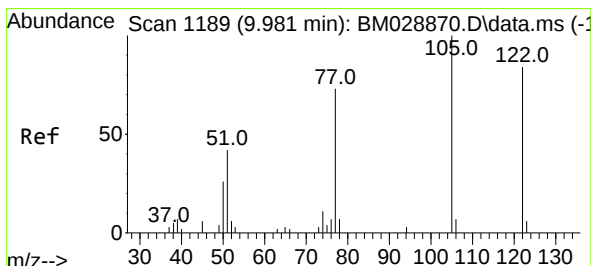
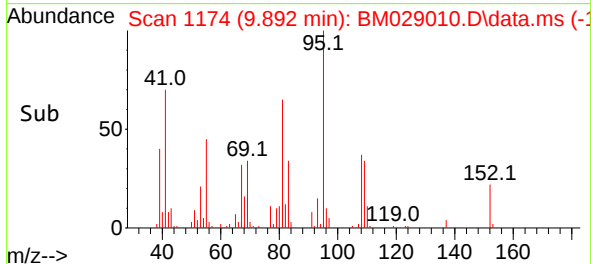
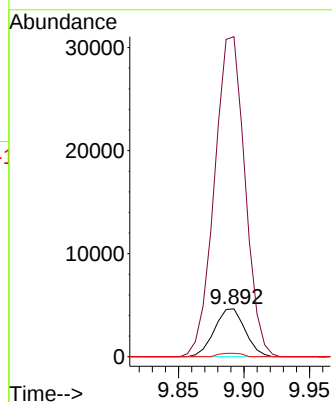
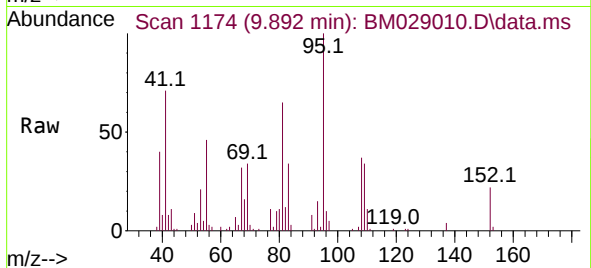




#28
bis(2-Chloroethoxy)methane
Concen: 8.31 ng
RT: 9.892 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

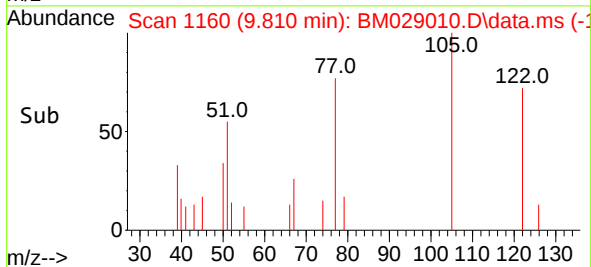
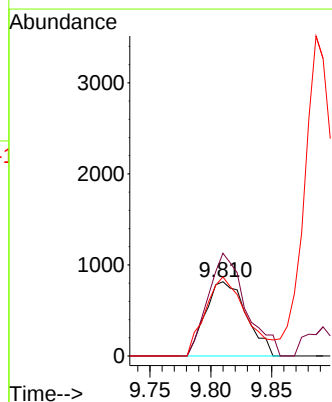
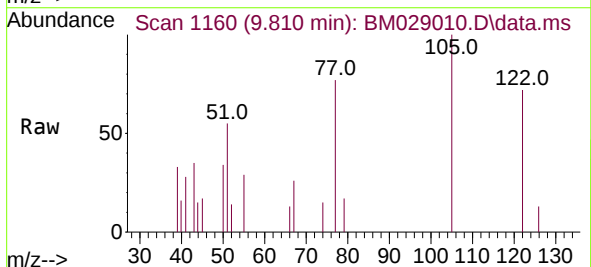
Instrument :
BNA_M
ClientSampled :
435-416

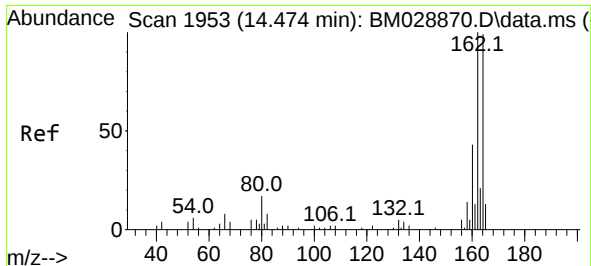
Tgt Ion: 93 Resp: 7537
Ion Ratio Lower Upper
93 100
95 669.6 26.5 39.7#
123 7.1 8.6 12.8#



#32
Benzoic acid
Concen: 3.78 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.035 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion: 122 Resp: 1895
Ion Ratio Lower Upper
122 100
105 138.4 114.0 154.0
77 106.6 101.8 141.8

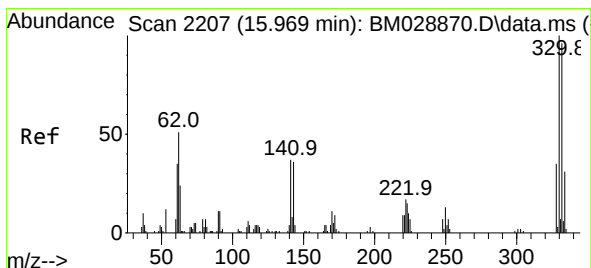
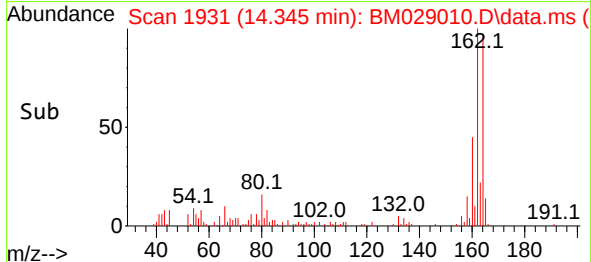
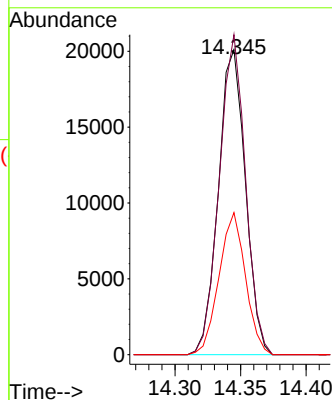
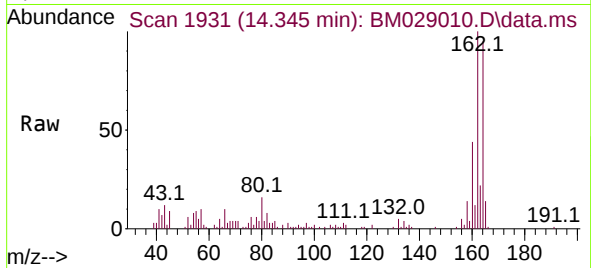




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

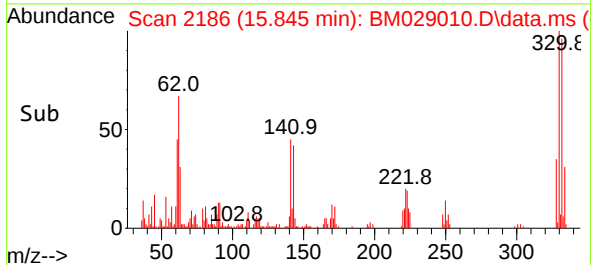
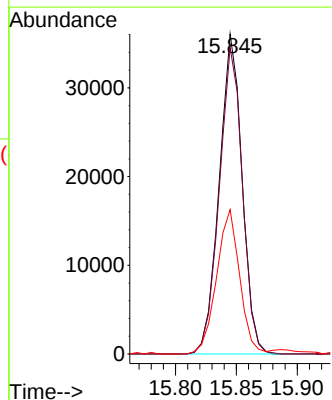
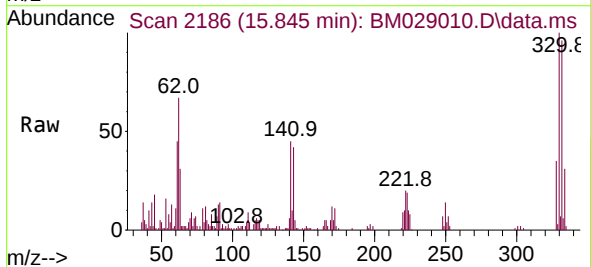
Instrument :
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435-416

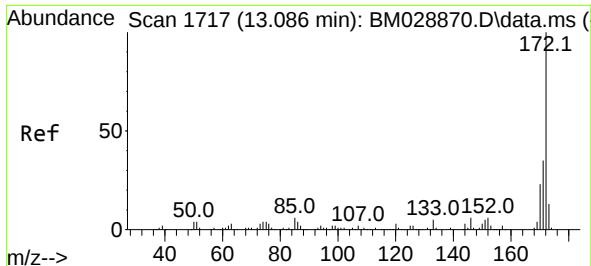
Tgt Ion:164 Resp: 28867
Ion Ratio Lower Upper
164 100
162 104.9 80.4 120.6
160 46.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 137.61 ng
RT: 15.845 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:330 Resp: 47082
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 45.6 28.4 42.6#

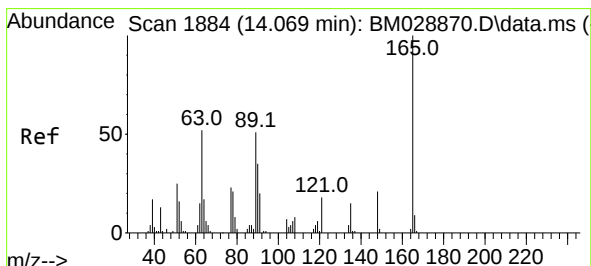
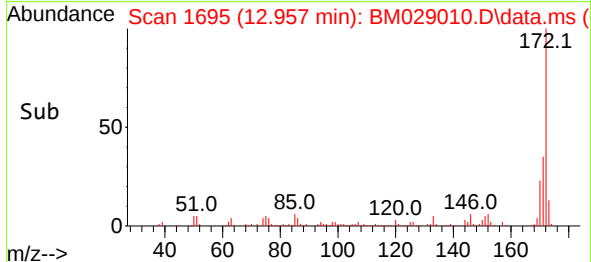
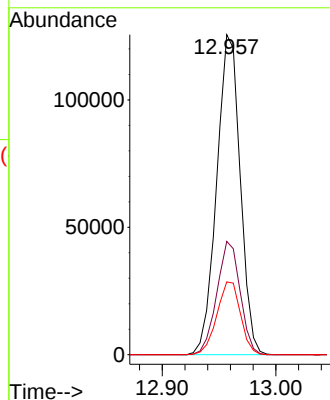
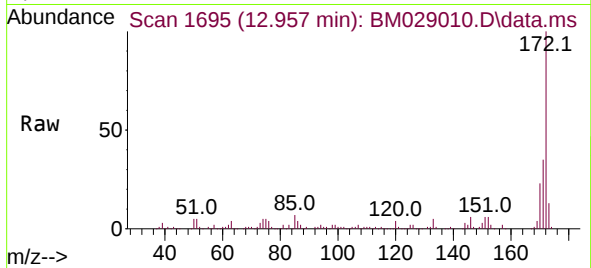




#45
2-Fluorobiphenyl
Concen: 83.32 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

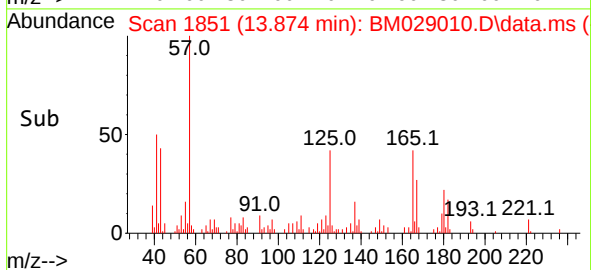
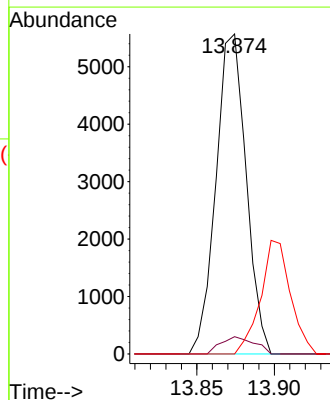
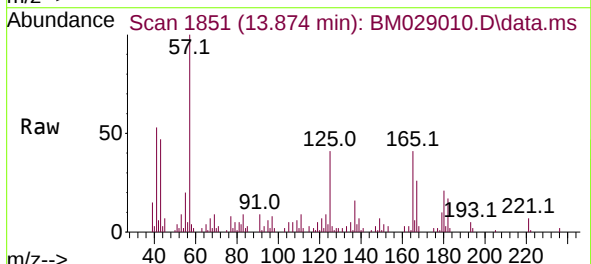
Instrument :
BNA_M
ClientSampleId :
435-416

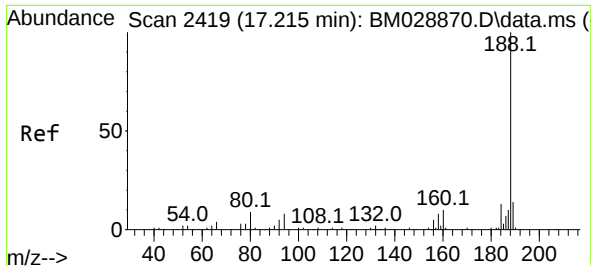
Tgt Ion:	172	Resp:	180673
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.8
170	22.7	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 14.77 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.077 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:	165	Resp:	7534
Ion Ratio	Lower	Upper	
165	100		
63	5.4	51.1	76.7#
89	0.0	53.3	79.9#

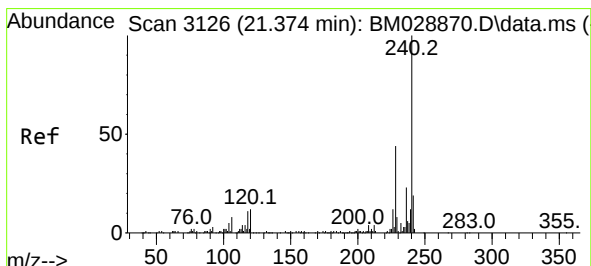
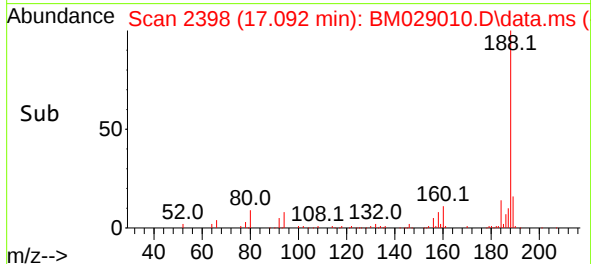
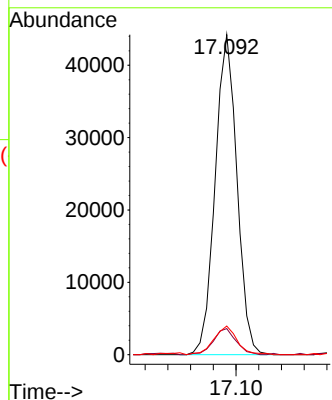
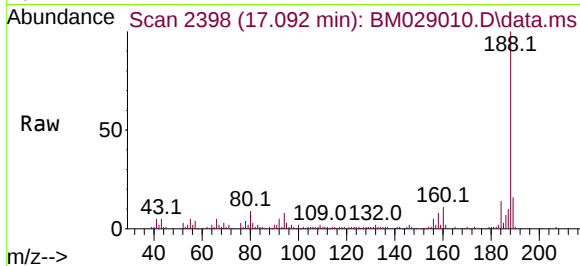




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

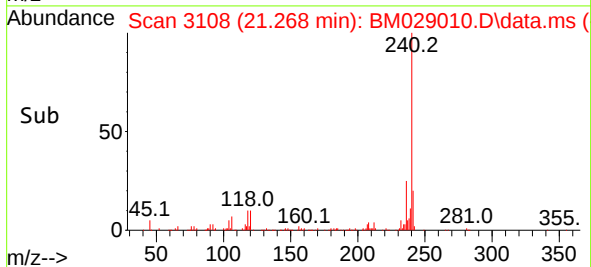
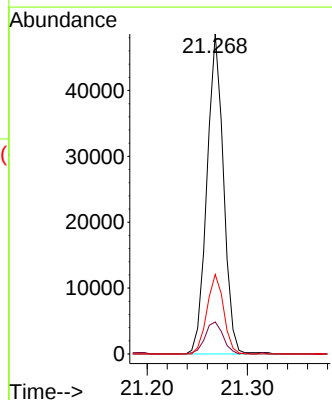
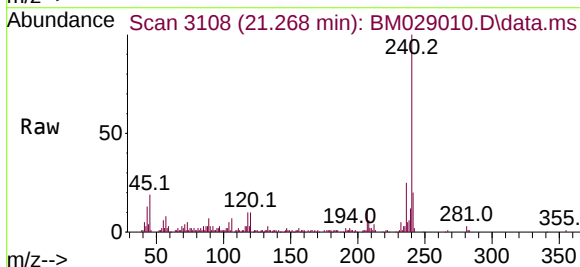
Instrument :
BNA_M
ClientSampleId :
435-416

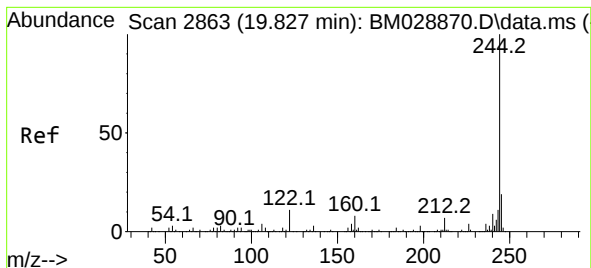
Tgt Ion:188 Resp: 58917
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM029010.D
Acq: 05 Mar 2021 23:46

Tgt Ion:240 Resp: 55832
Ion Ratio Lower Upper
240 100
120 10.0 6.4 9.6#
236 24.9 20.1 30.1





#79

Terphenyl-d14

Concen: 79.92 ng

RT: 19.721 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BM029010.D

Acq: 05 Mar 2021 23:46

Tgt Ion:244 Resp: 241648

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

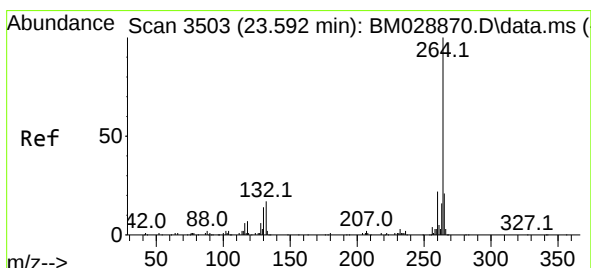
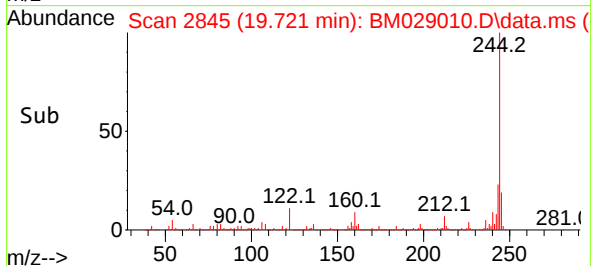
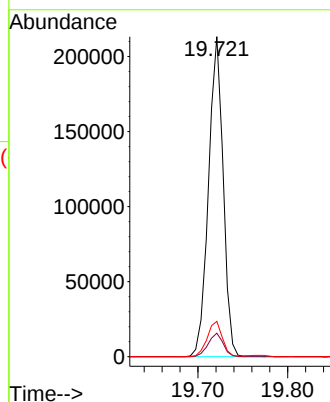
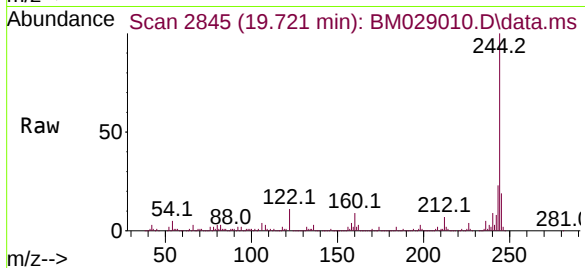
122 11.1 6.5 9.7#

Instrument :

BNA_M

ClientSampleId :

435-416



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.006 min

Lab File: BM029010.D

Acq: 05 Mar 2021 23:46

Tgt Ion:264 Resp: 55411

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 23.0 17.7 26.5

