

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
 Data File : BM029080.D
 Acq On : 10 Mar 2021 21:26
 Operator : CG/JU
 Sample : M1603-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 33-NORTHRE

Quant Time: Mar 10 23:40:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

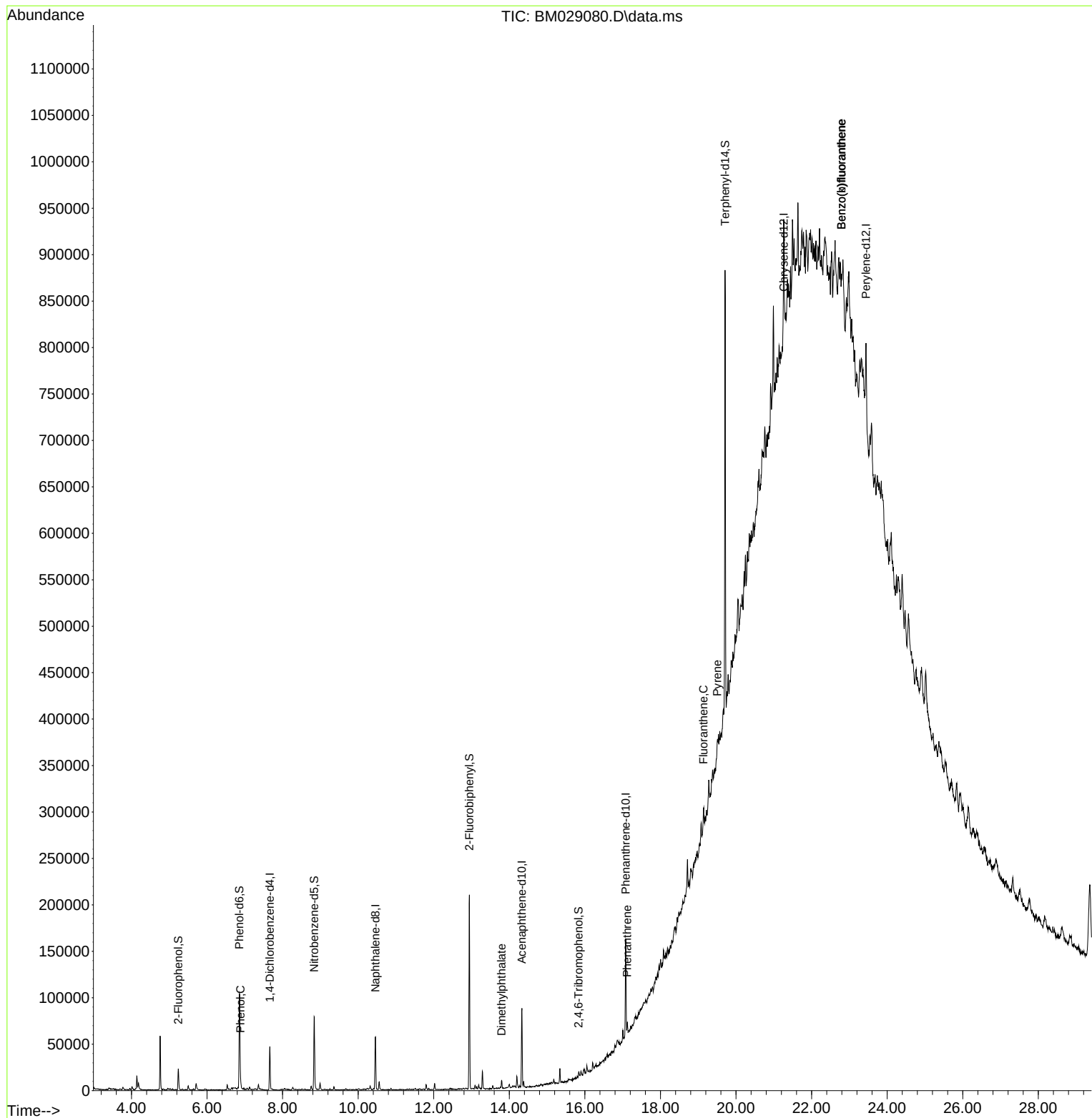
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	11595	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	45352	20.00	ng	# 0.00
39) Acenaphthene-d10	14.333	164	26851	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	54895	20.00	ng	0.00
76) Chrysene-d12	21.262	240	54528	20.00	ng	# 0.00
86) Perylene-d12	23.439	264	52356	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	10097	14.43	ng	0.00
7) Phenol-d6	6.857	99	52325	56.63	ng	-0.01
23) Nitrobenzene-d5	8.834	82	40879	48.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	720	2.26	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	100448	49.80	ng	0.00
79) Terphenyl-d14	19.709	244	144871	49.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.887	94	2877	3.13	ng	91
50) Dimethylphthalate	13.798	163	5849	2.87	ng	# 95
71) Phenanthrene	17.121	178	6989	2.14	ng	# 93
75) Fluoranthene	19.139	202	11604	3.23	ng	78
78) Pyrene	19.504	202	12430	3.10	ng	# 81
88) Benzo(b)fluoranthene	22.792	252	10217	2.76	ng	# 1
89) Benzo(k)fluoranthene	22.792	252	10217	2.91	ng	# 1

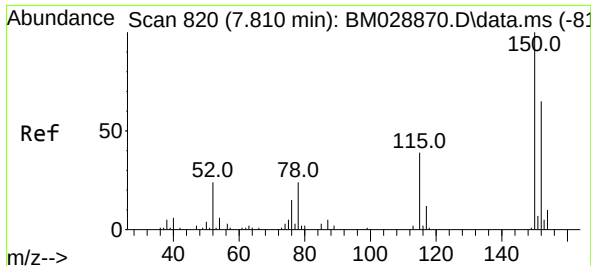
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_M
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33-NORTHE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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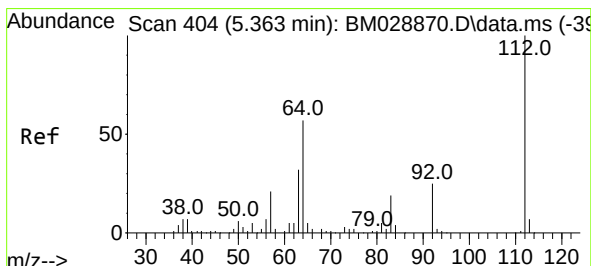
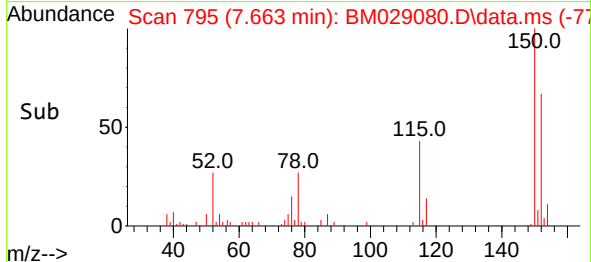
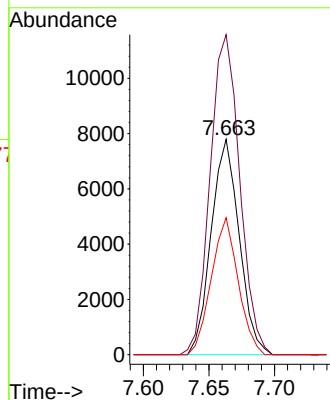
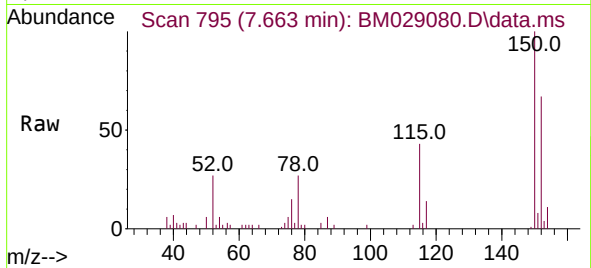




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

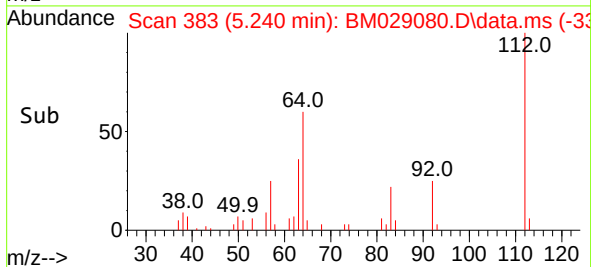
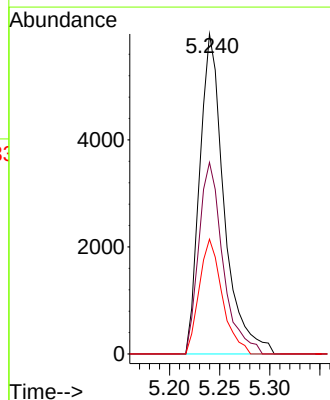
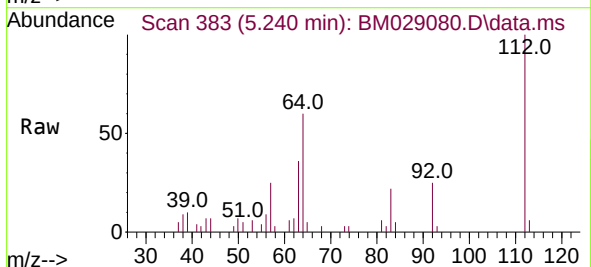
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

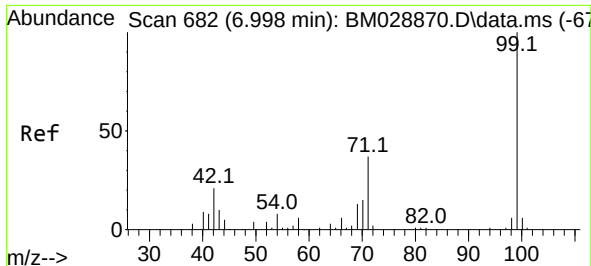
Tgt Ion:152 Resp: 11595
Ion Ratio Lower Upper
152 100
150 148.6 120.6 181.0
115 63.6 47.2 70.8



#5
2-Fluorophenol
Concen: 14.43 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:112 Resp: 10097
Ion Ratio Lower Upper
112 100
64 59.9 50.6 76.0
63 35.9 31.0 46.6

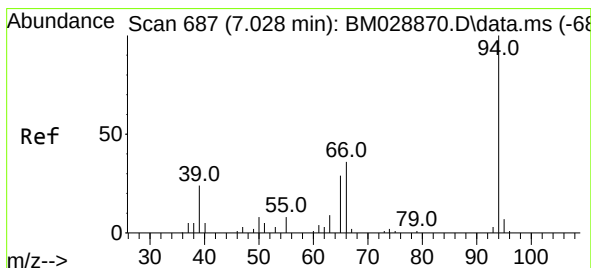
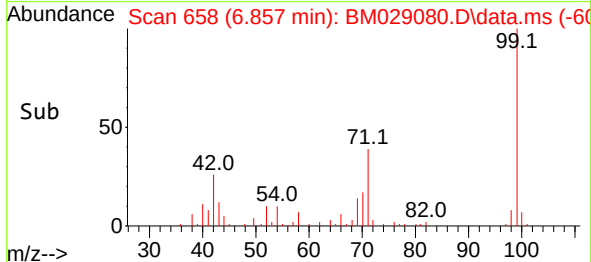
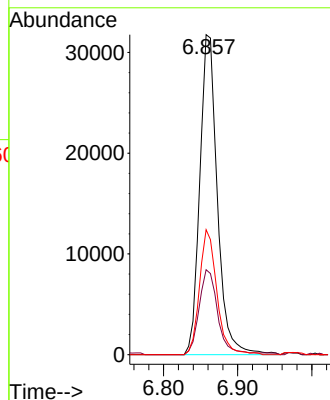
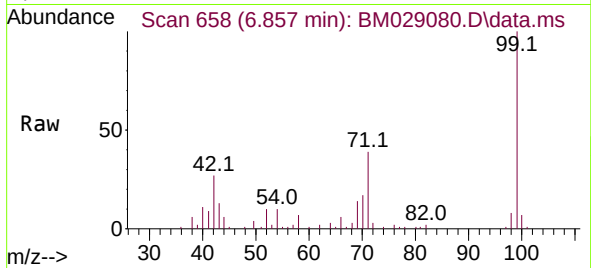




#7
Phenol-d6
Concen: 56.63 ng
RT: 6.857 min Scan# 658
Delta R.T. -0.012 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

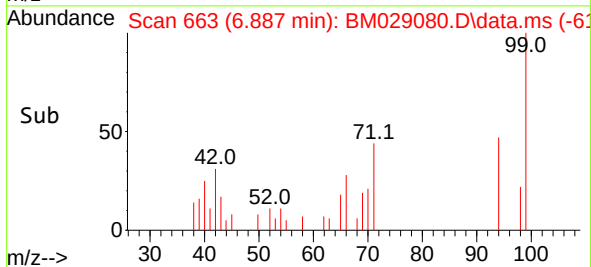
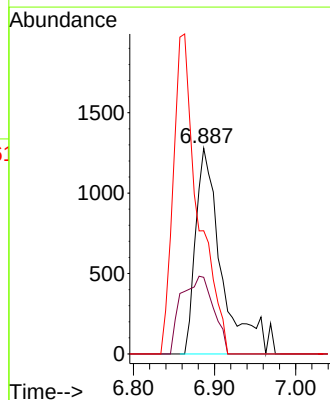
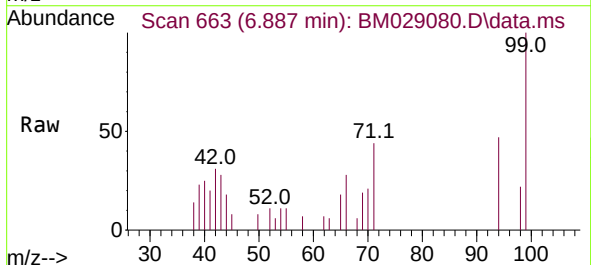
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

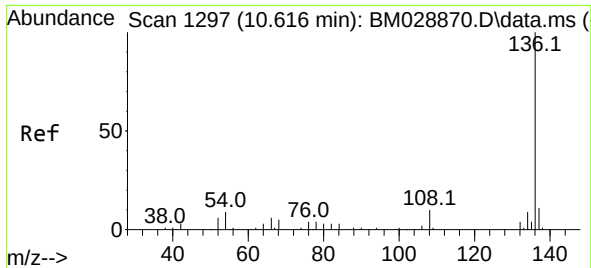
Tgt Ion: 99 Resp: 52325
Ion Ratio Lower Upper
99 100
42 26.5 13.5 20.3#
71 39.0 39.4 59.0#



#10
Phenol
Concen: 3.13 ng
RT: 6.887 min Scan# 663
Delta R.T. -0.012 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion: 94 Resp: 2877
Ion Ratio Lower Upper
94 100
65 37.2 16.4 56.4
66 59.9 30.2 70.2

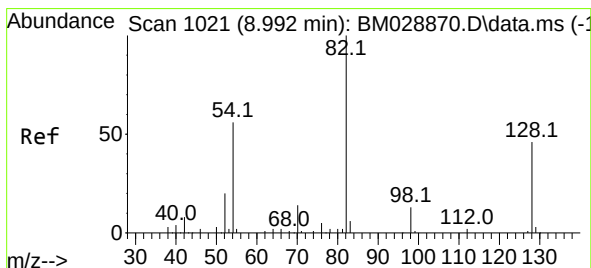
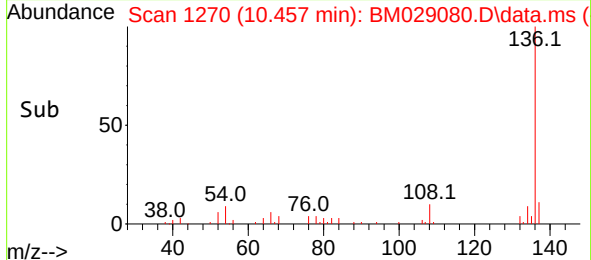
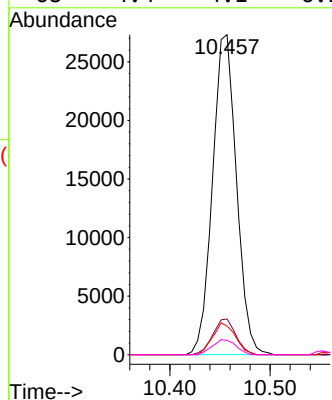
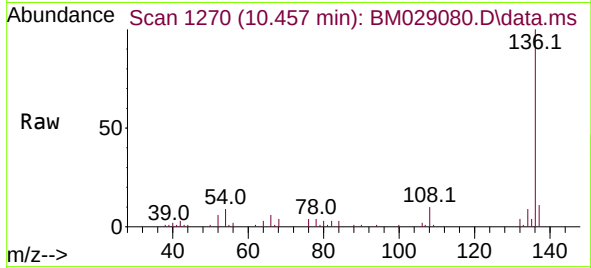




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

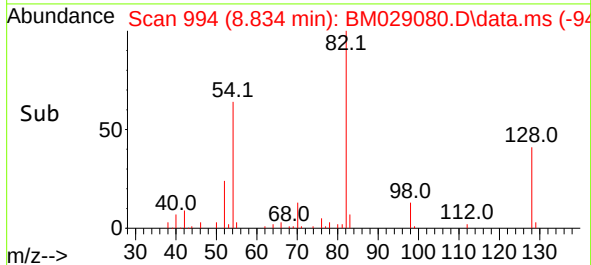
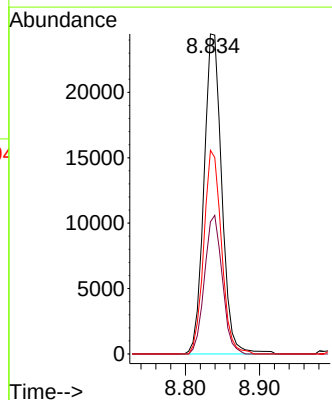
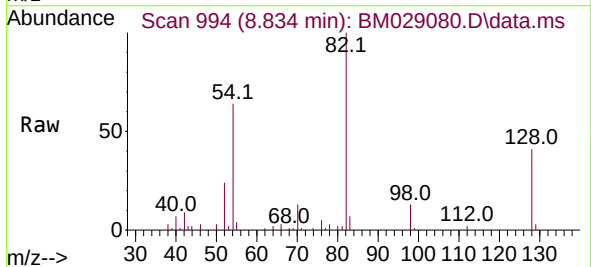
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

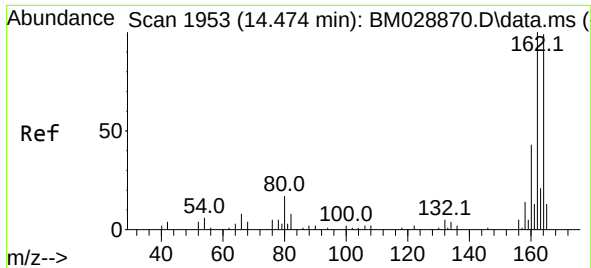
Tgt Ion:	136	Resp:	45352
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.9	4.6	7.0#
68	4.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 48.63 ng
RT: 8.834 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:	82	Resp:	40879
Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.4	41.0#
54	63.7	31.4	47.0#

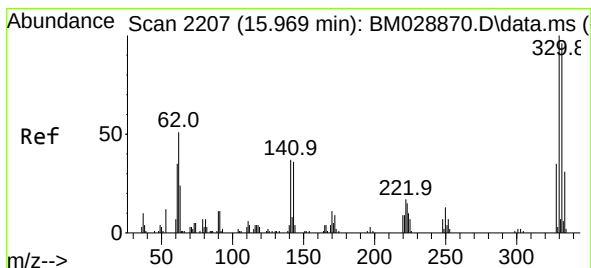
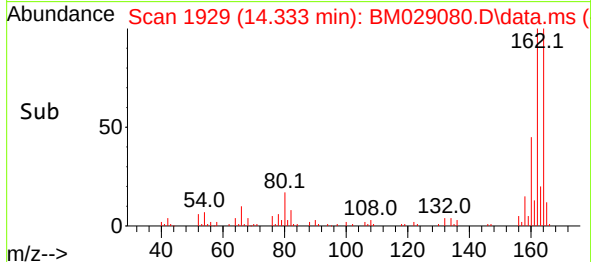
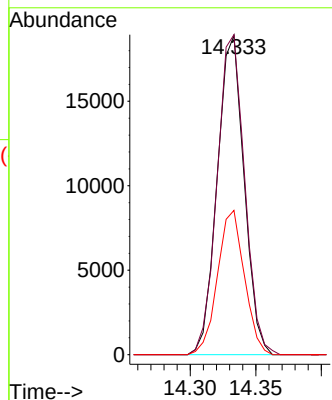
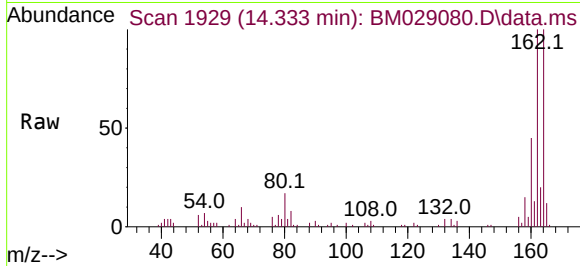




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

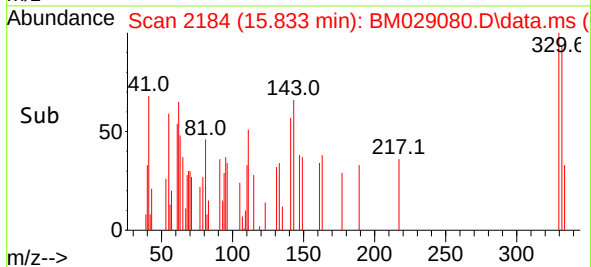
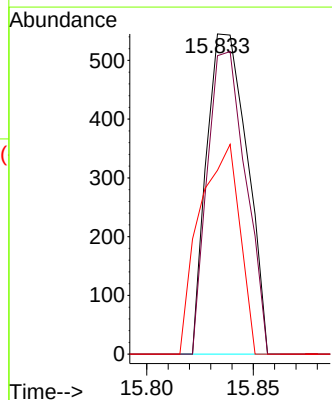
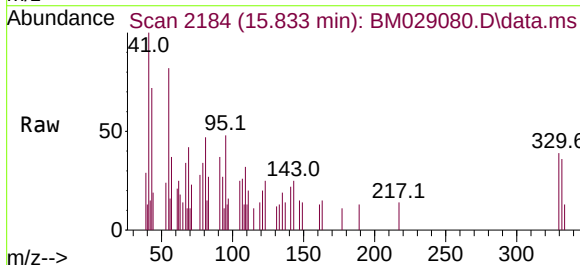
Instrument :
BNA_M
ClientSampleId :
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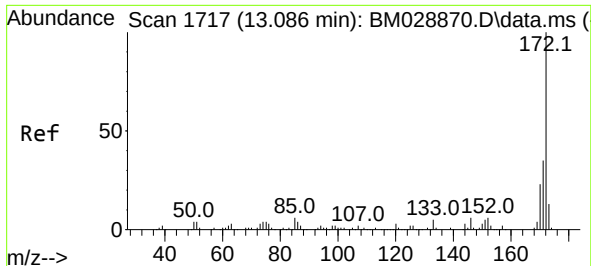
Tgt Ion:	164	Resp:	26851
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.4	120.6
160	45.2	35.9	53.9



#42
2,4,6-Tribromophenol
Concen: 2.26 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:	330	Resp:	720
Ion Ratio	Lower	Upper	
330	100		
332	89.4	77.8	116.8
141	65.0	28.4	42.6#

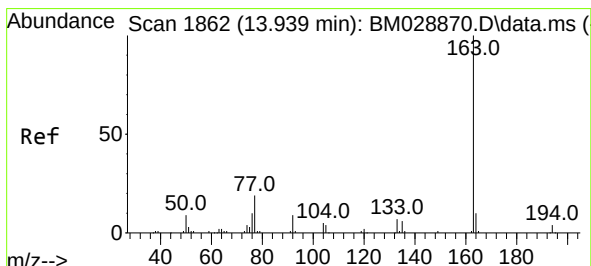
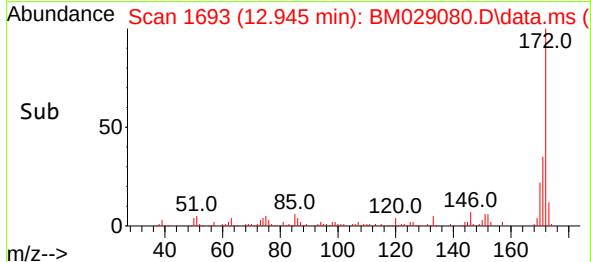
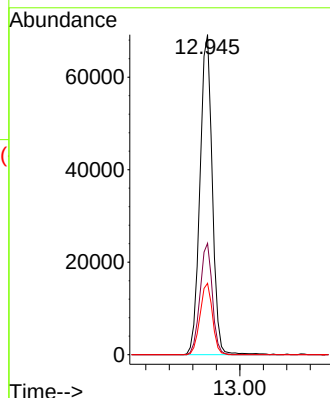
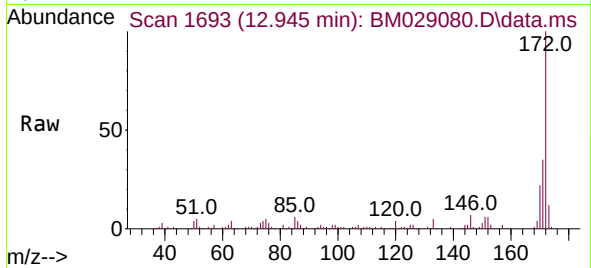




#45
2-Fluorobiphenyl
Concen: 49.80 ng
RT: 12.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

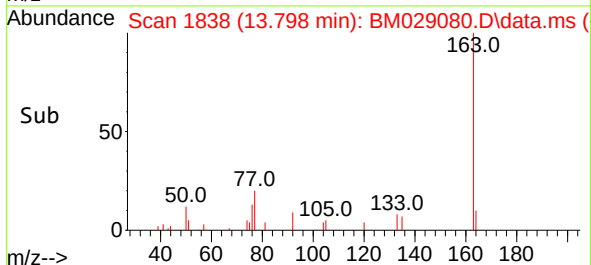
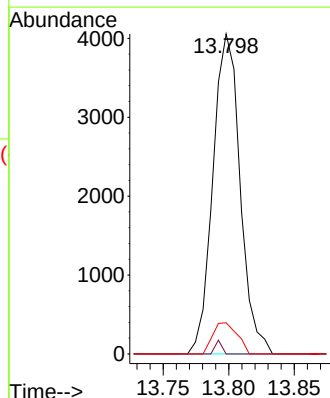
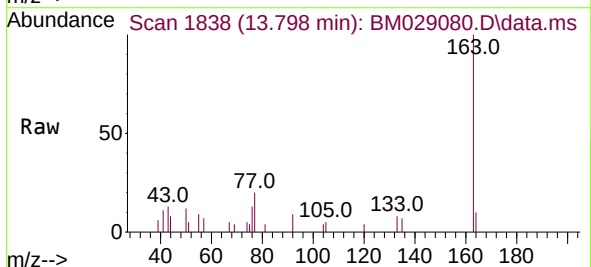
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ClientSampleId :
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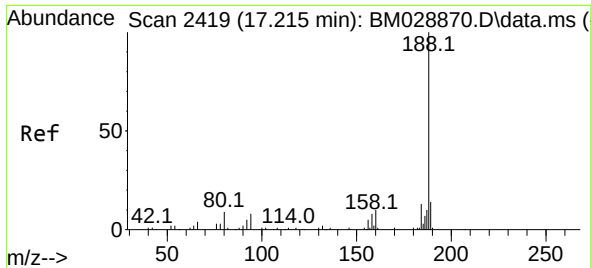
Tgt Ion:	172	Resp:	100448
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.8	41.8
170	22.3	18.6	27.8



#50
Dimethylphthalate
Concen: 2.87 ng
RT: 13.798 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:	163	Resp:	5849
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.4	5.2#
164	9.8	8.1	12.1

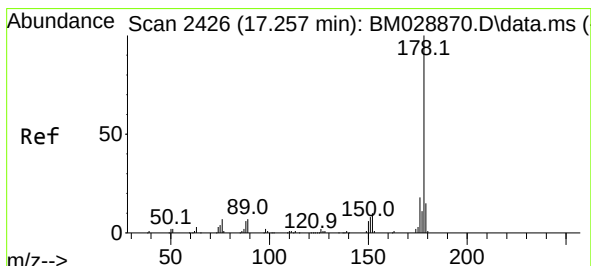
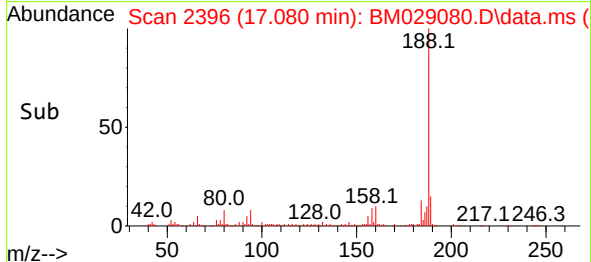
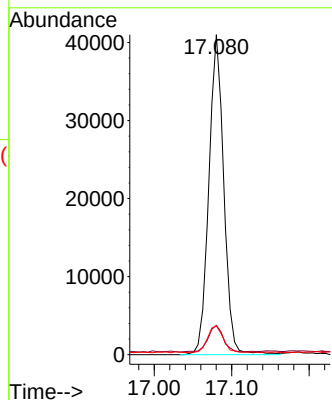
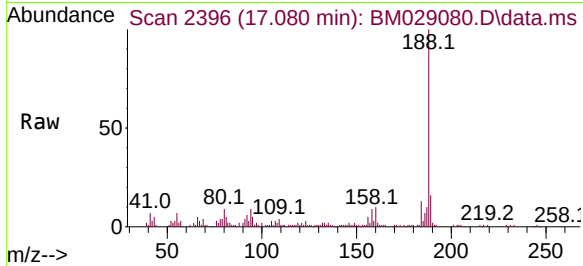




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

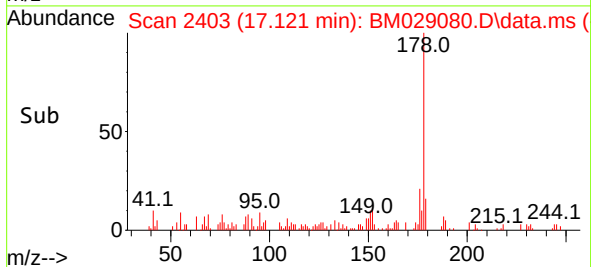
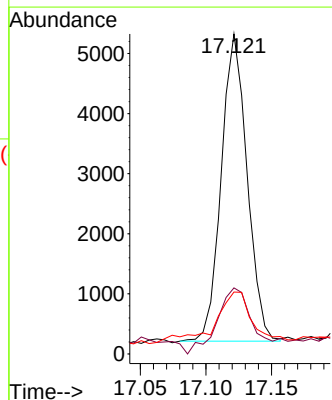
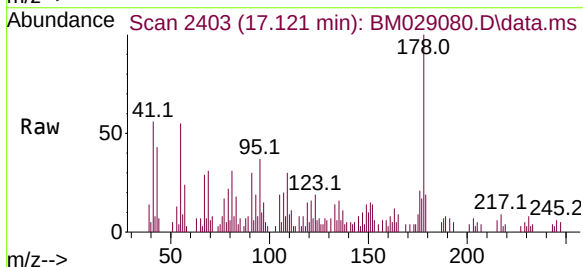
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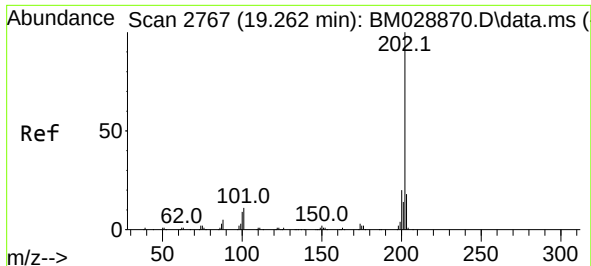
Tgt Ion:188	Resp:	54895
Ion Ratio	Lower	Upper
188	100	
94	9.2	6.2 9.4
80	9.0	7.5 11.3



#71
Phenanthrene
Concen: 2.14 ng
RT: 17.121 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:178	Resp:	6989
Ion Ratio	Lower	Upper
178	100	
176	20.6	15.0 22.6
179	19.3	12.2 18.4#

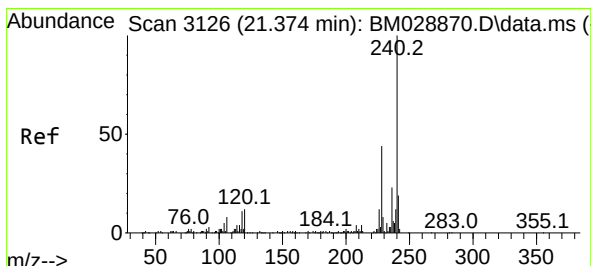
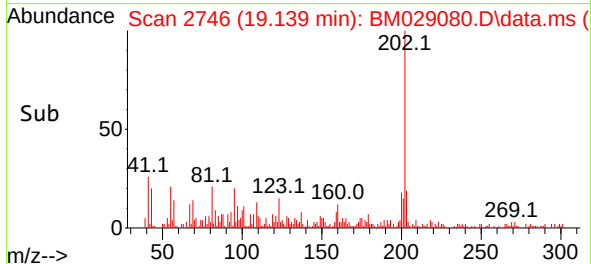
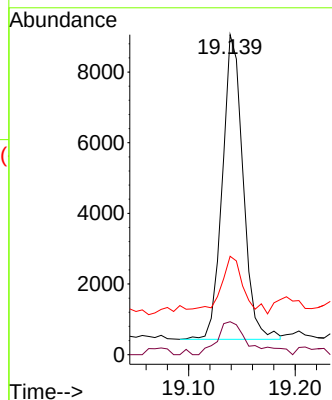
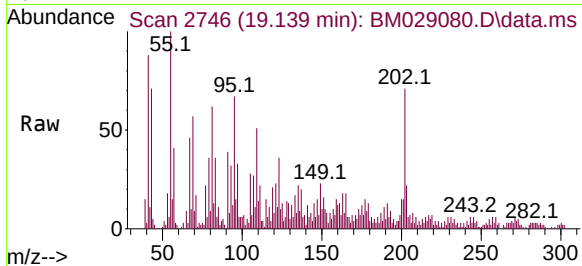




#75
Fluoranthene
Concen: 3.23 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.006 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

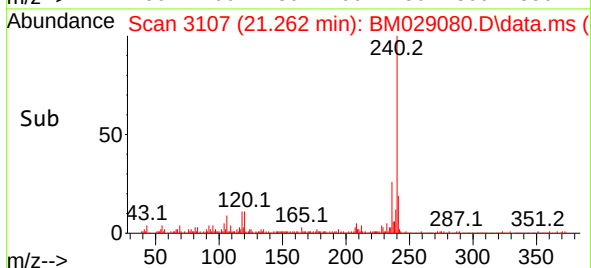
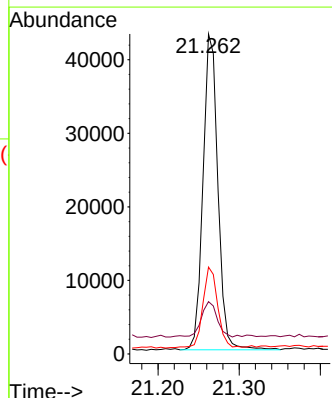
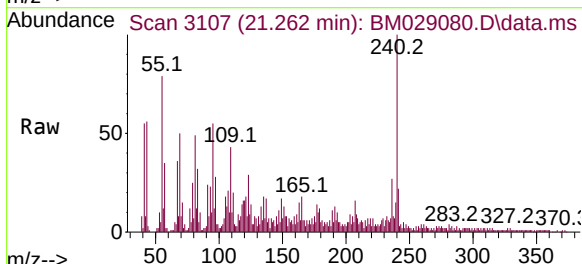
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

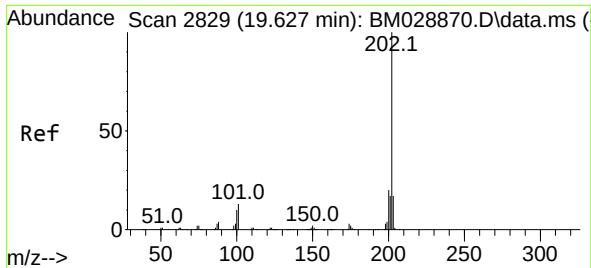
Tgt Ion:	202	Resp:	11604
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	28.5
203	30.7	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:	240	Resp:	54528
Ion Ratio	Lower	Upper	
240	100		
120	16.4	6.4	9.6#
236	27.2	20.1	30.1

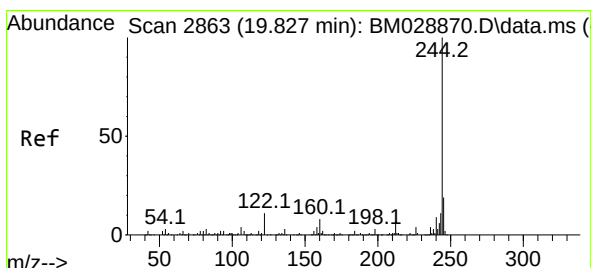
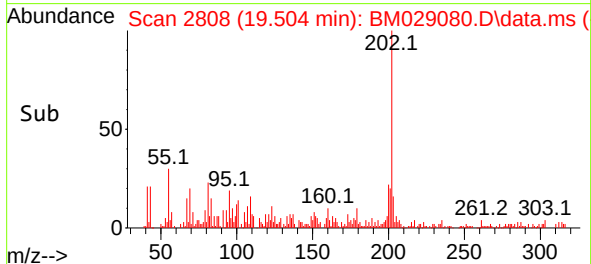
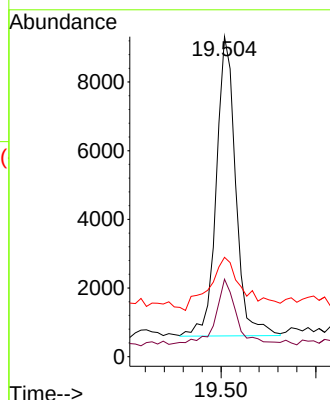
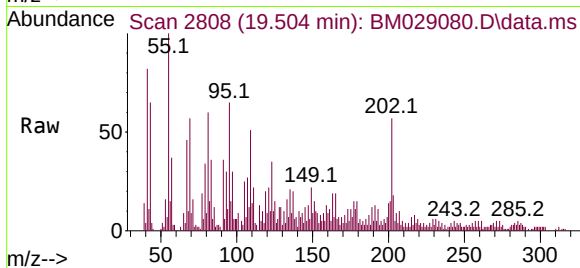




#78
Pyrene
Concen: 3.10 ng
RT: 19.504 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

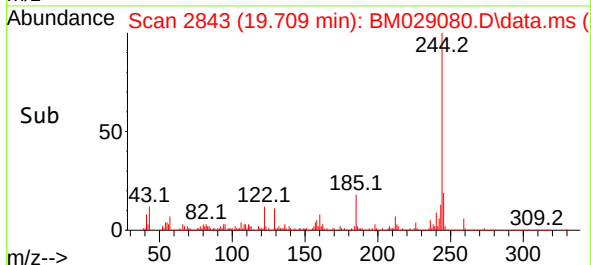
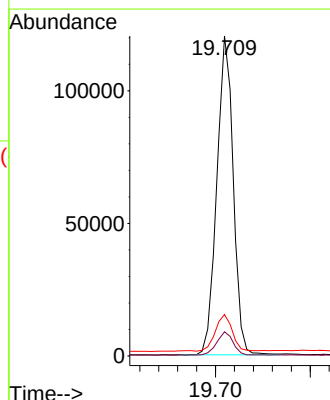
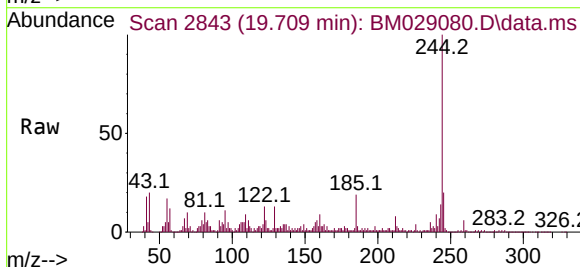
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

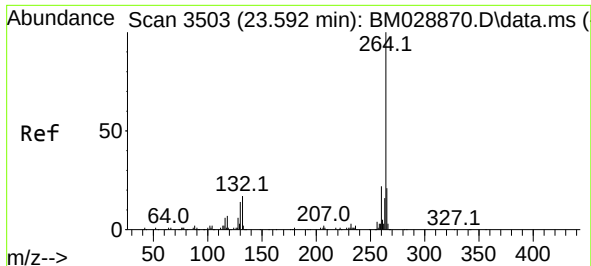
Tgt Ion:	202	Resp:	12430
Ion Ratio	Lower	Upper	
202	100		
200	24.2	16.6	24.8
203	31.0	13.8	20.6#



#79
Terphenyl-d14
Concen: 49.06 ng
RT: 19.709 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:	244	Resp:	144871
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	13.0	6.5	9.7#

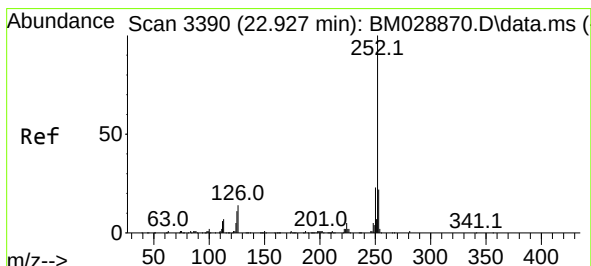
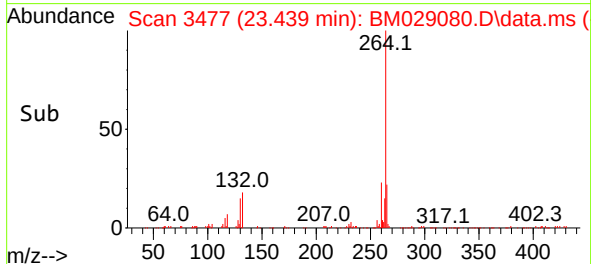
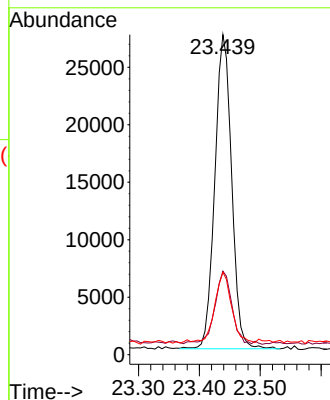
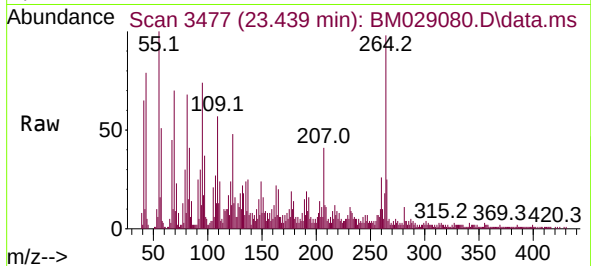




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.439 min Scan# 3477
Delta R.T. 0.018 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

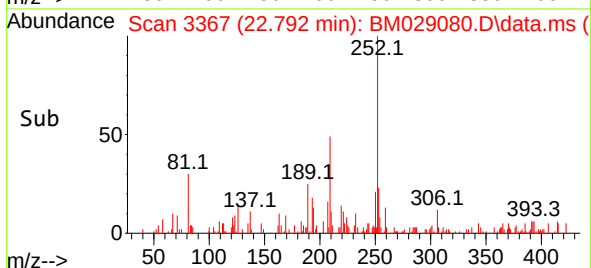
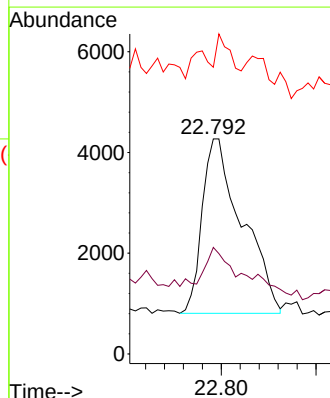
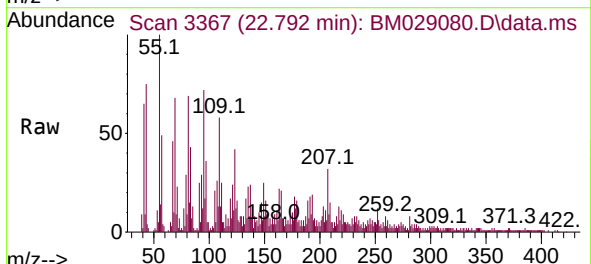
Instrument :
BNA_M
ClientSampleId :
33-NORTHE

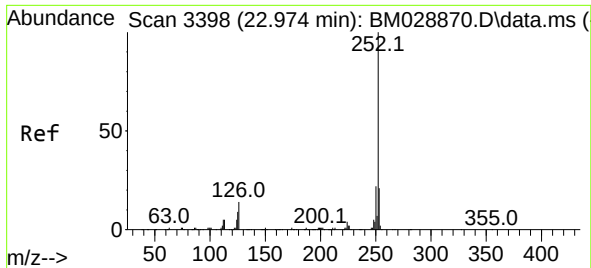
Tgt Ion:264	Resp:	52356
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.0 28.4
265	25.8	17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.76 ng
RT: 22.792 min Scan# 3367
Delta R.T. 0.012 min
Lab File: BM029080.D
Acq: 10 Mar 2021 21:26

Tgt Ion:252	Resp:	10217
Ion Ratio	Lower	Upper
252	100	
253	49.5	17.4 26.0#
125	133.3	5.7 8.5#





#89

Benzo(k)fluoranthene

Concen: 2.91 ng

RT: 22.792 min Scan# 3367

Delta R.T. -0.029 min

Lab File: BM029080.D

Acq: 10 Mar 2021 21:26

Tgt Ion:252 Resp: 10217

Ion Ratio Lower Upper

252 100

253 49.5 17.4 26.0#

125 133.3 5.6 8.4#

Instrument :

BNA_M

ClientSampleId :

33-NORTHE

