

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031444.D
 Acq On : 08 May 2024 17:43
 Operator : MA/JU
 Sample : P2352-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124RE

Quant Time: May 08 18:18:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

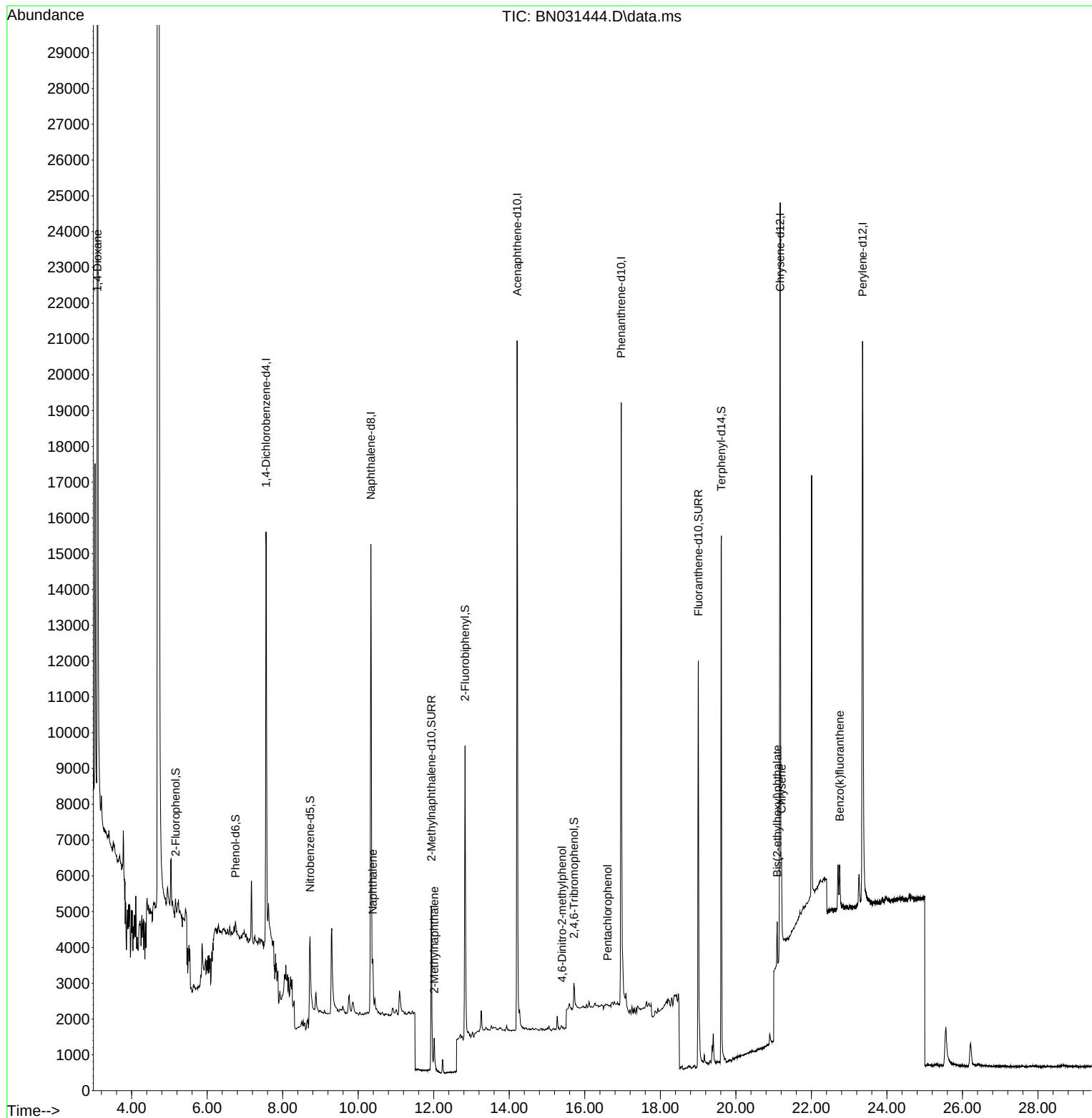
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6299	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	19178	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	10917	0.400	ng	0.00
19) Phenanthrene-d10	16.966	188	24353	0.400	ng	0.00
29) Chrysene-d12	21.175	240	21944	0.400	ng	0.00
35) Perylene-d12	23.355	264	22125	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	395	0.027	ng	0.00
5) Phenol-d6	6.750	99	535	0.031	ng	0.00
8) Nitrobenzene-d5	8.723	82	2655	0.158	ng	0.01
11) 2-Methylnaphthalene-d10	11.937	152	7141	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	492	0.097	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	7737	0.192	ng	0.00
27) Fluoranthene-d10	19.007	212	14110	0.214	ng	0.00
31) Terphenyl-d14	19.616	244	15032	0.270	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	28414	3.780	ng	98
9) Naphthalene	10.389	128	1612	0.030	ng	# 87
12) 2-Methylnaphthalene	12.013	142	658	0.187	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.397	198	2	0.023	ng	# 1
24) Pentachlorophenol	16.606	266	34	0.167	ng	# 32
30) Pyrene	19.402	202	759	Below Cal		95
33) Chrysene	21.211	228	1810	0.023	ng	92
34) Bis(2-ethylhexyl)phtha...	21.094	149	1353	0.034	ng	# 89
38) Benzo(k)fluoranthene	22.750	252	1725	0.020	ng	# 9

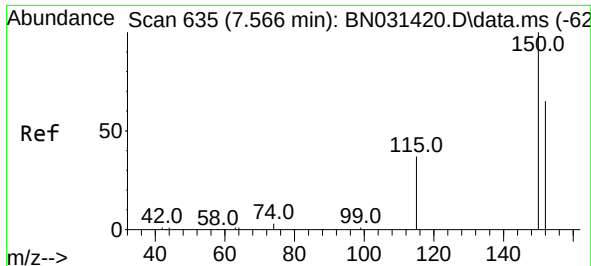
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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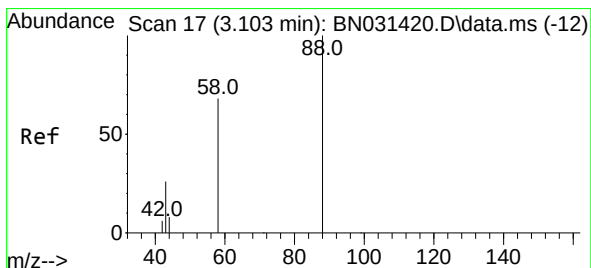
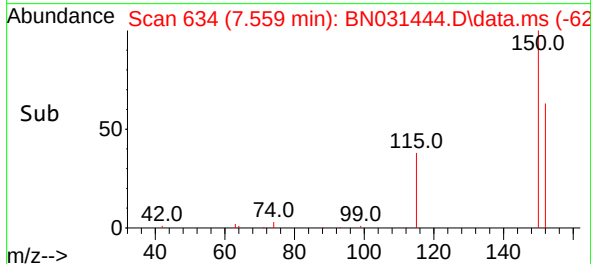
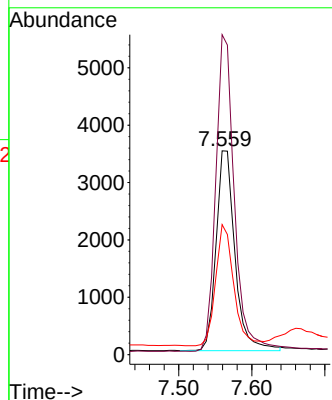
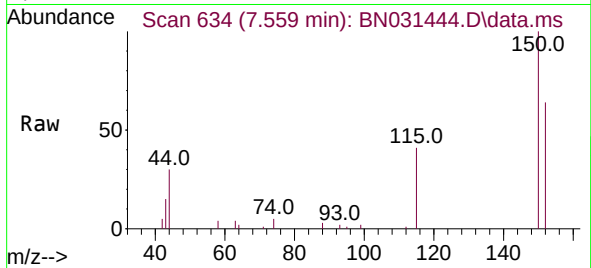




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN031444.D
 Acq: 08 May 2024 17:43

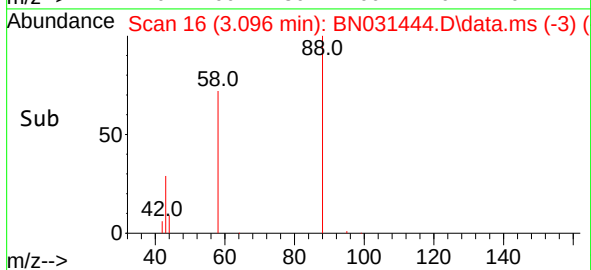
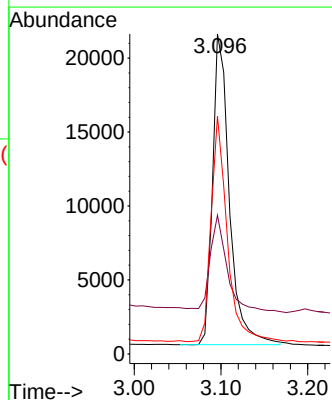
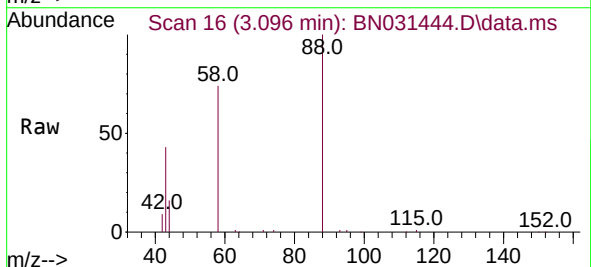
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-112-050124RE

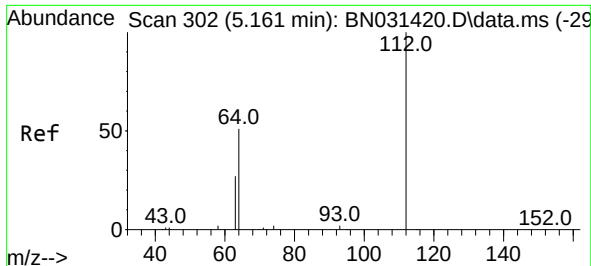
Tgt Ion:152 Resp: 6299
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.2 183.2
 115 63.8 47.8 71.6



#2
 1,4-Dioxane
 Concen: 3.780 ng
 RT: 3.096 min Scan# 16
 Delta R.T. -0.007 min
 Lab File: BN031444.D
 Acq: 08 May 2024 17:43

Tgt Ion: 88 Resp: 28414
 Ion Ratio Lower Upper
 88 100
 43 31.2 23.8 35.8
 58 69.2 54.6 81.8

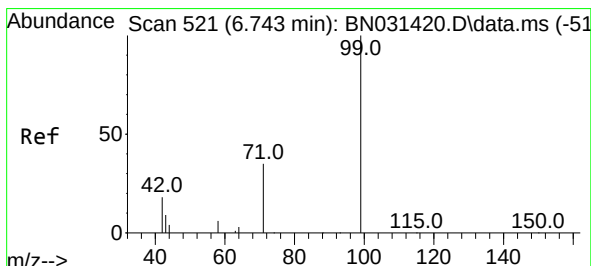
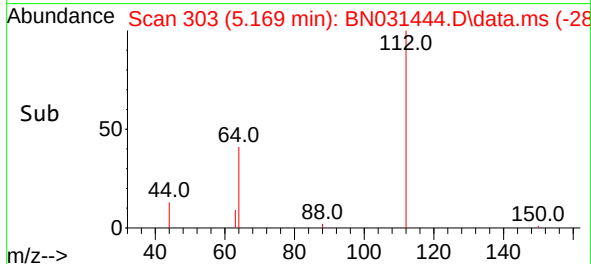
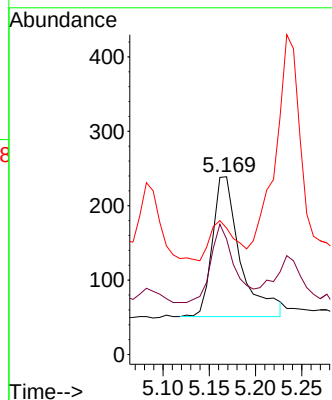
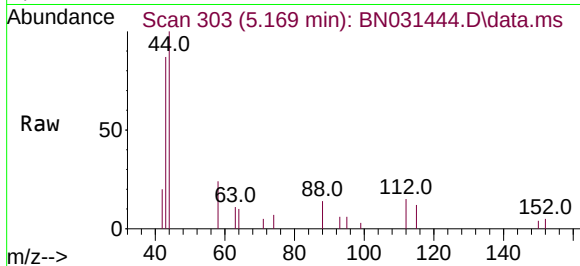




#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.169 min Scan# 302
Delta R.T. 0.007 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

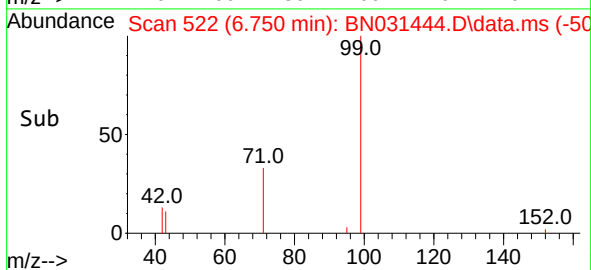
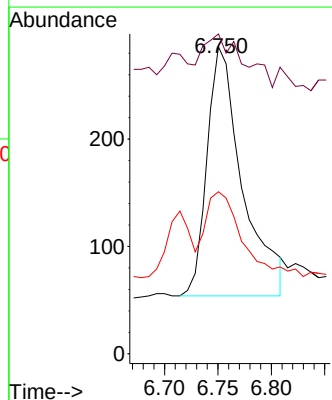
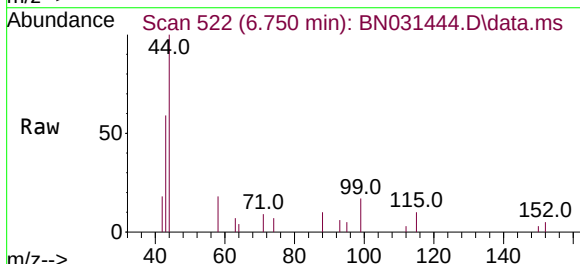
Instrument :
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ClientSampleId :
MW-18B-112-050124RE

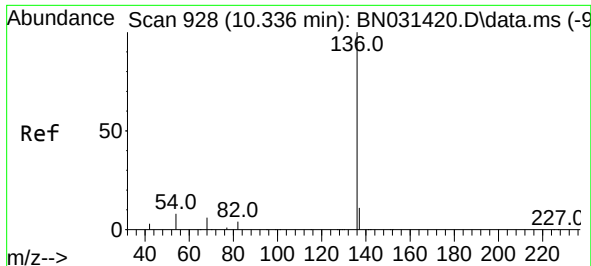
Tgt Ion:112 Resp: 395
Ion Ratio Lower Upper
112 100
64 46.8 42.4 63.6
63 23.8 22.6 34.0



#5
Phenol-d6
Concen: 0.031 ng
RT: 6.750 min Scan# 522
Delta R.T. 0.007 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion: 99 Resp: 535
Ion Ratio Lower Upper
99 100
42 23.7 15.8 23.8
71 30.1 27.8 41.6

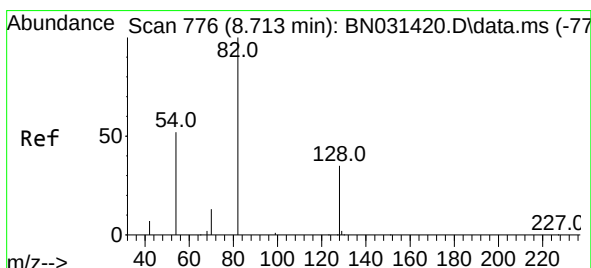
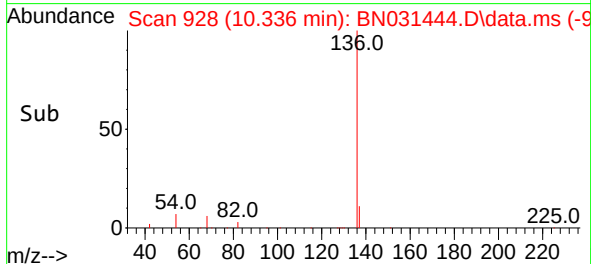
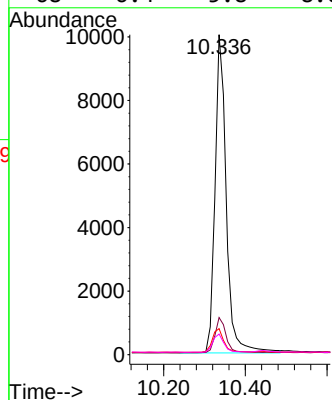
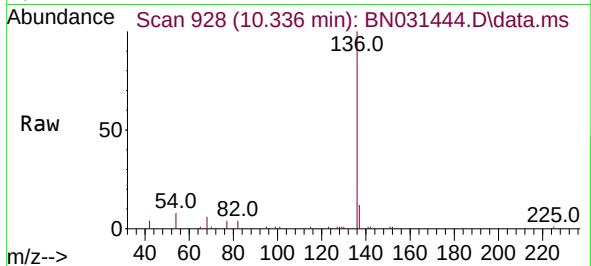




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

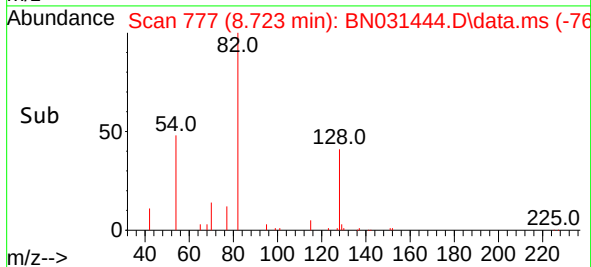
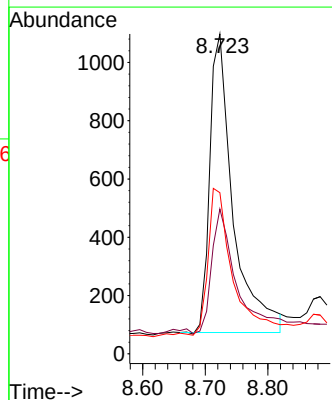
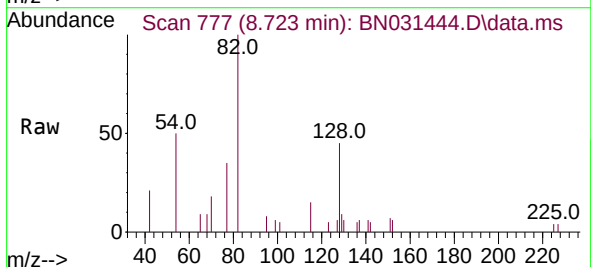
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124RE

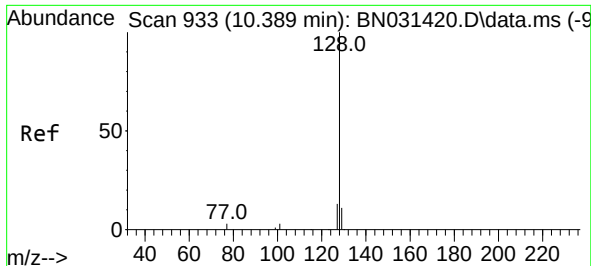
Tgt Ion:	136	Resp:	19178
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.6	14.4
54	8.1	7.2	10.8
68	6.4	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.723 min Scan# 777
Delta R.T. 0.011 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:	82	Resp:	2655
Ion Ratio	Lower	Upper	
82	100		
128	45.3	30.0	45.0#
54	50.4	43.4	65.0

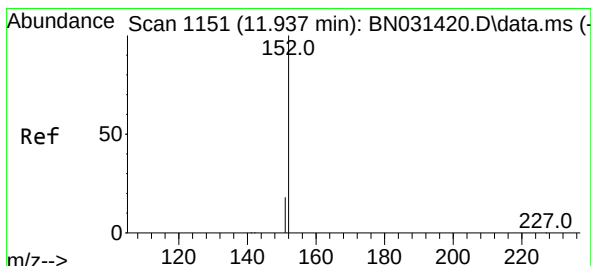
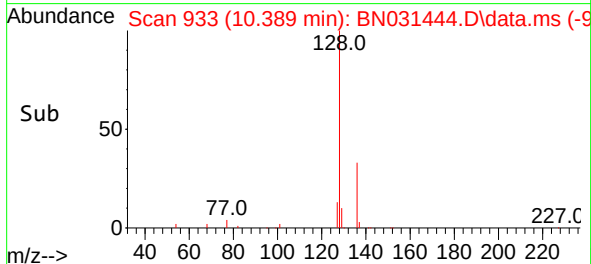
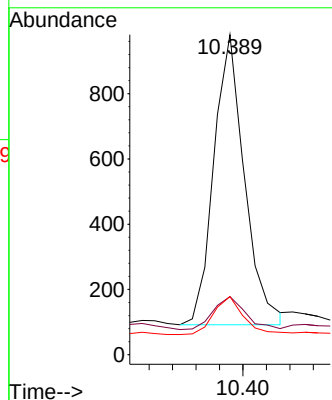
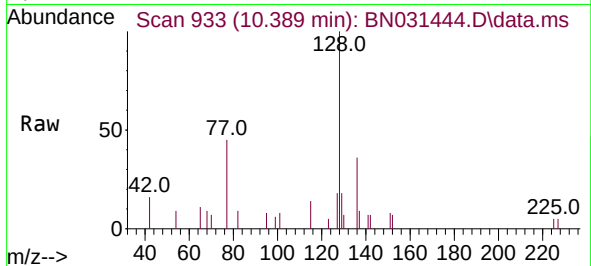




#9
Naphthalene
Concen: 0.030 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

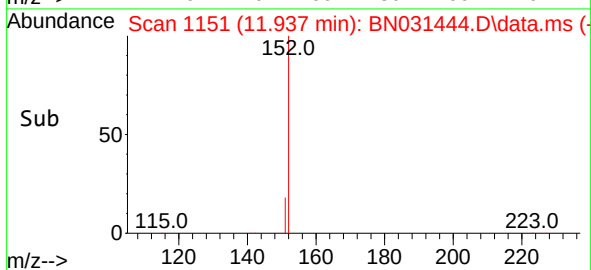
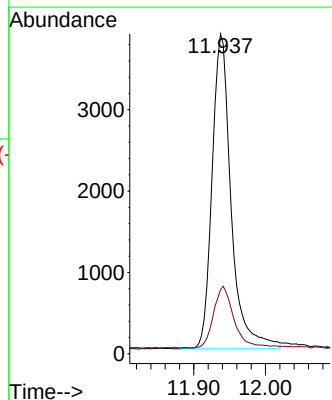
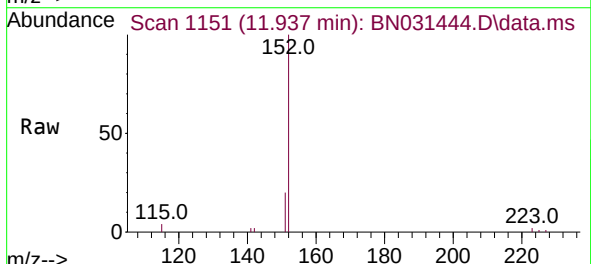
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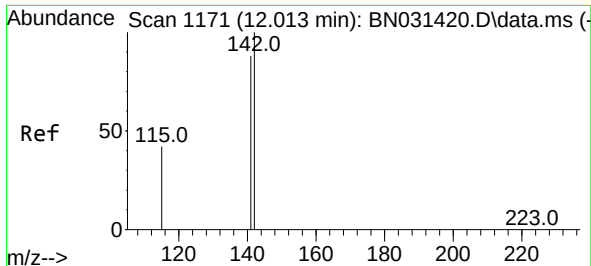
Tgt Ion:128 Resp: 1612
Ion Ratio Lower Upper
128 100
129 18.1 9.5 14.3#
127 18.1 11.1 16.7#



#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:152 Resp: 7141
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

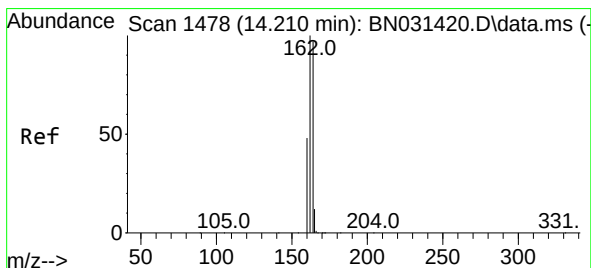
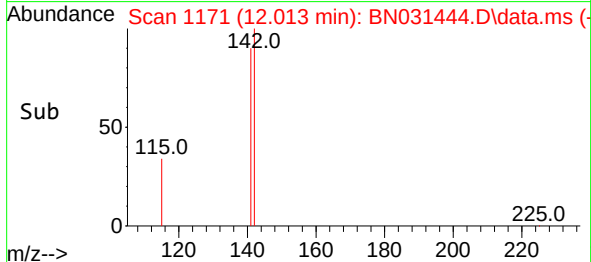
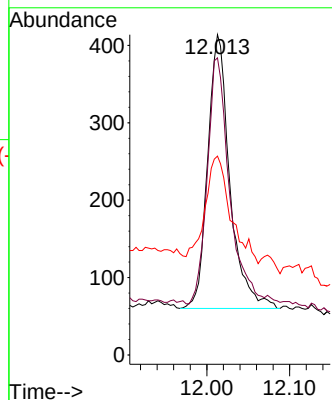
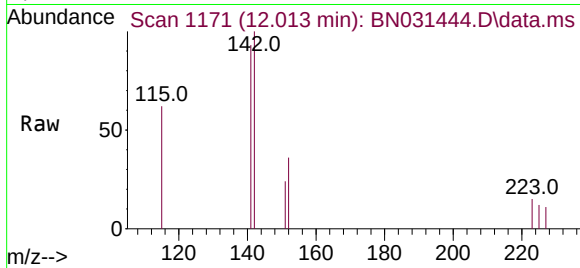




#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

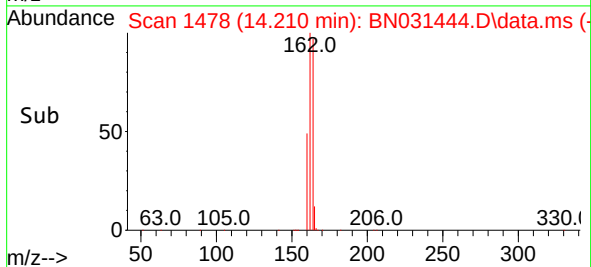
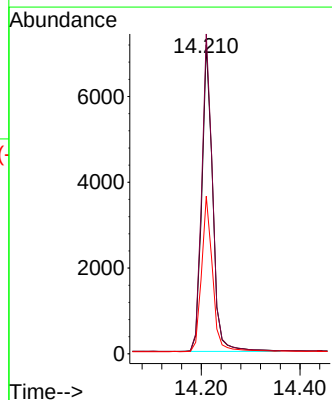
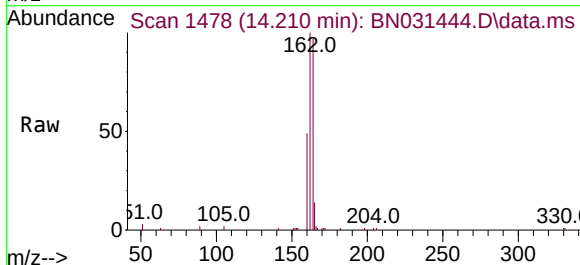
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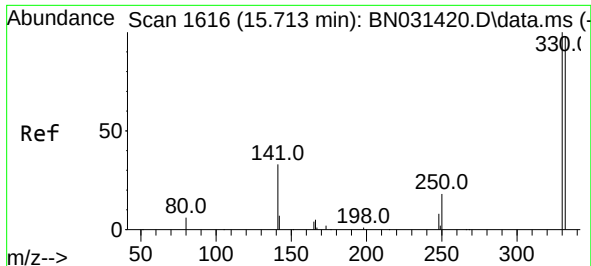
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 92.8 70.2 105.2
115 62.1 34.2 51.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:164 Resp: 10917
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 51.0 40.2 60.2

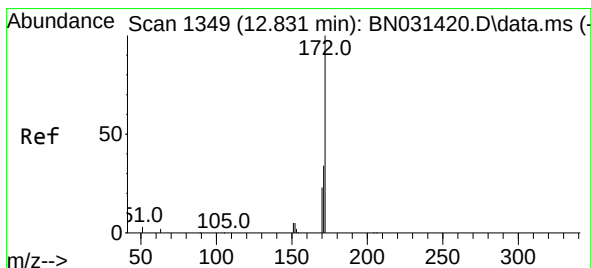
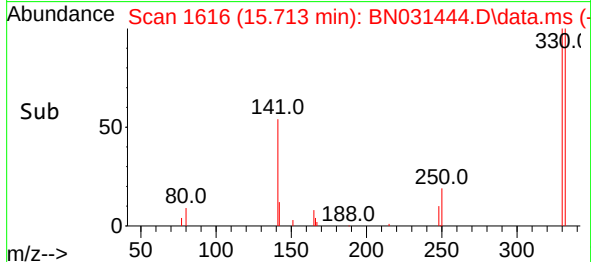
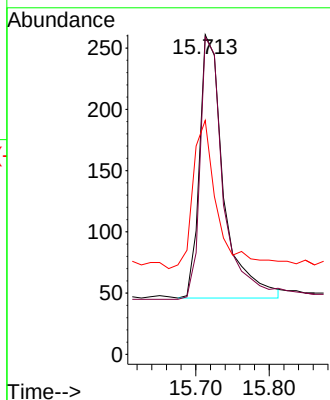
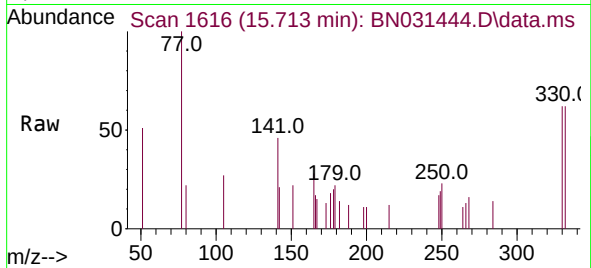




#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

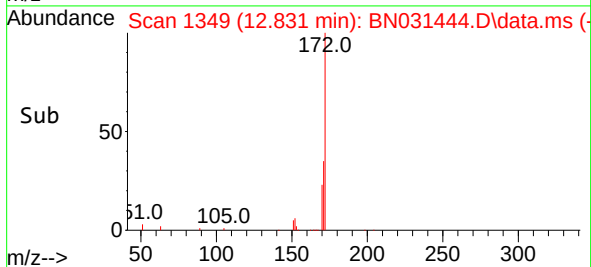
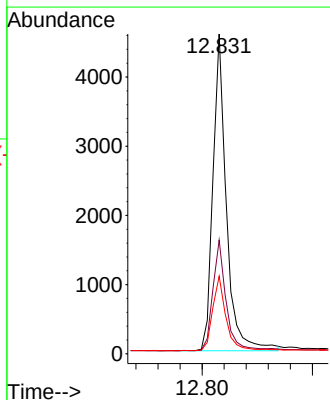
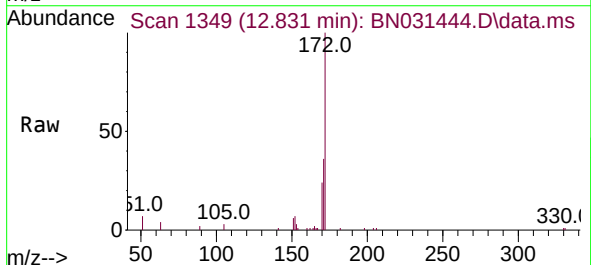
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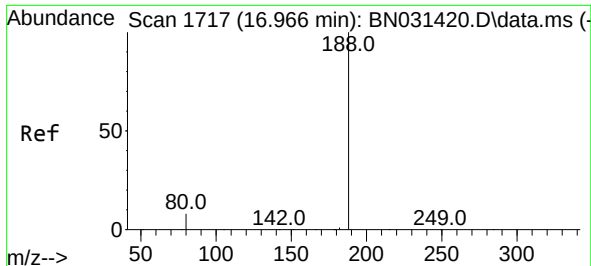
Tgt Ion:	330	Resp:	492
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.5	116.3
141	56.9	39.3	58.9



#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:	172	Resp:	7737
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.0	42.0
170	24.3	18.9	28.3

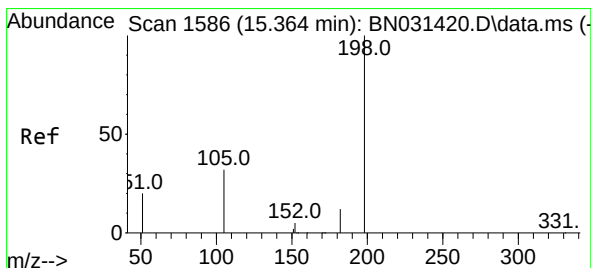
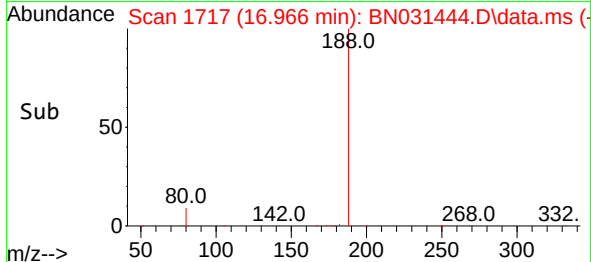
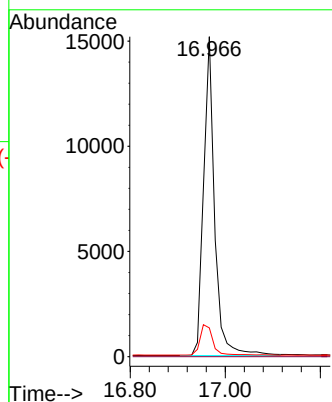
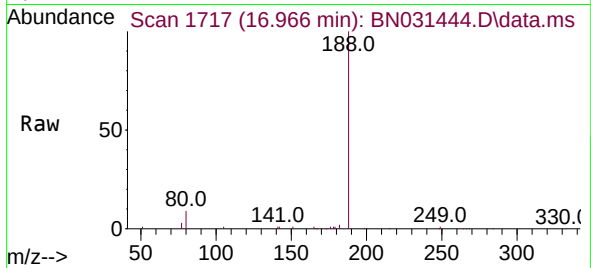




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

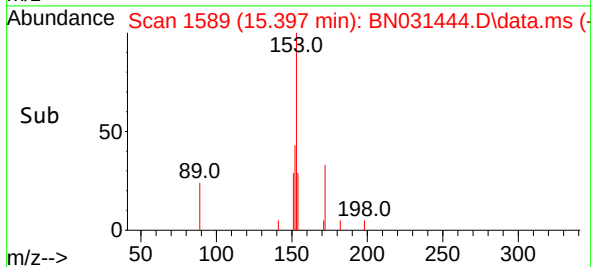
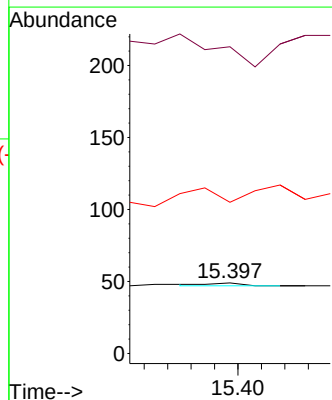
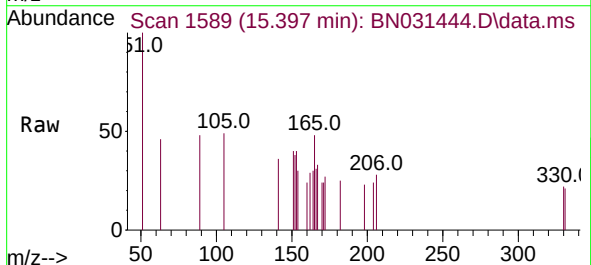
Instrument :
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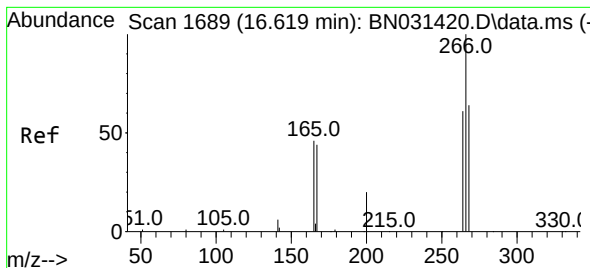
Tgt Ion:188 Resp: 24353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.8 10.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.397 min Scan# 1589
Delta R.T. 0.033 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 434.7 47.4 71.2#
105 214.3 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.167 ng

RT: 16.606 min Scan# 1688

Delta R.T. -0.013 min

Lab File: BN031444.D

Acq: 08 May 2024 17:43

Instrument :

BNA_N

ClientSampleId :

MW-18B-112-050124RE

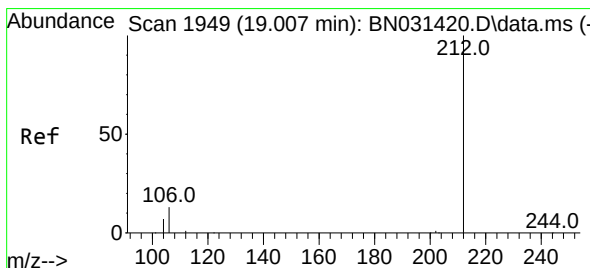
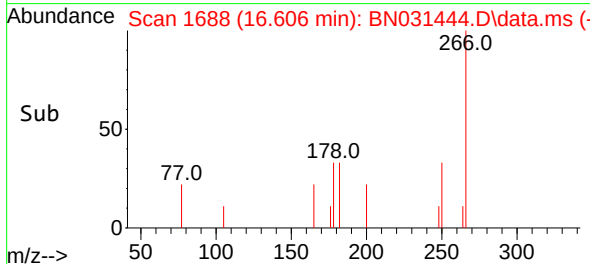
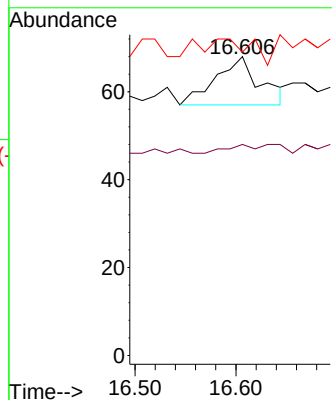
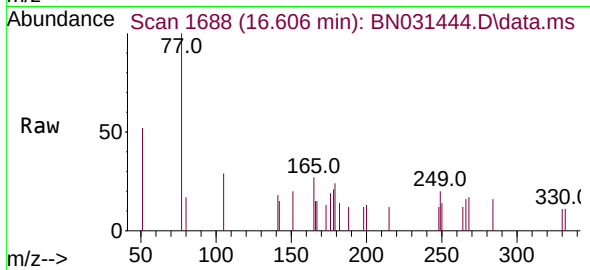
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 20.6 49.0 73.4#

268 0.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.214 ng

RT: 19.007 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BN031444.D

Acq: 08 May 2024 17:43

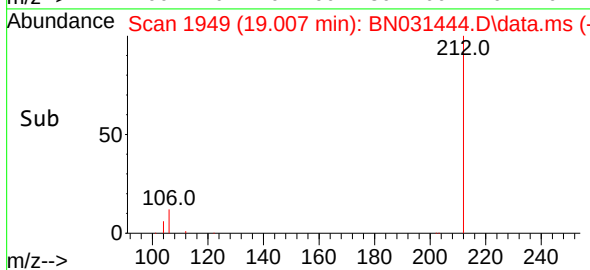
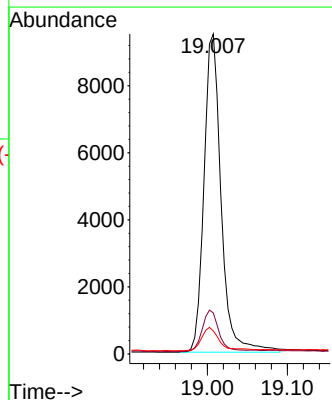
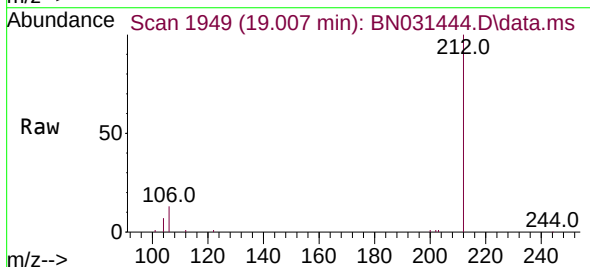
Tgt Ion:212 Resp: 14110

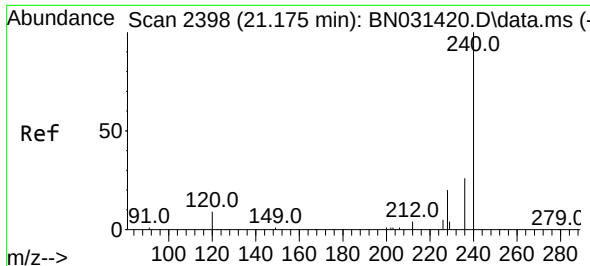
Ion Ratio Lower Upper

212 100

106 12.5 11.5 17.3

104 7.9 6.4 9.6

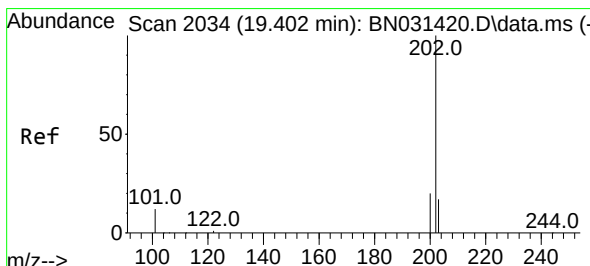
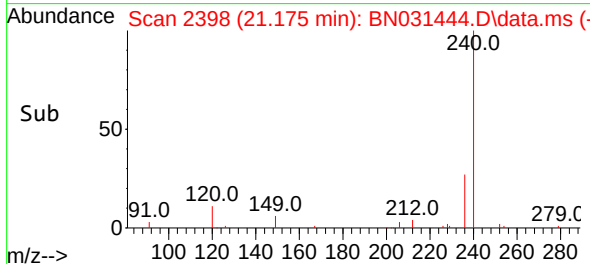
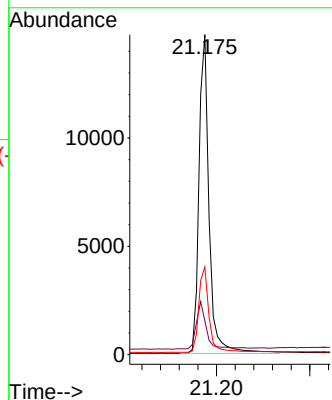
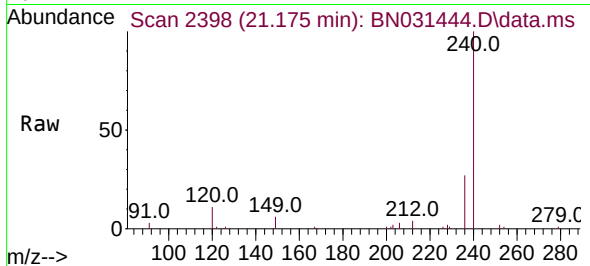




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

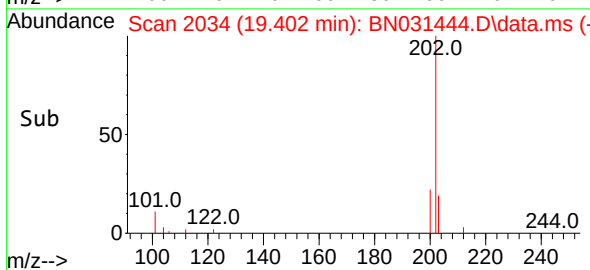
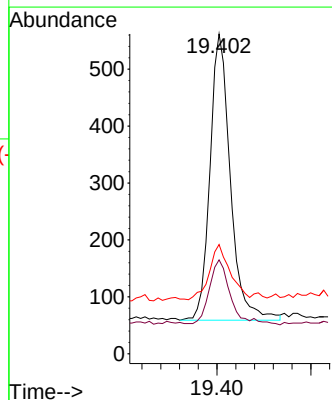
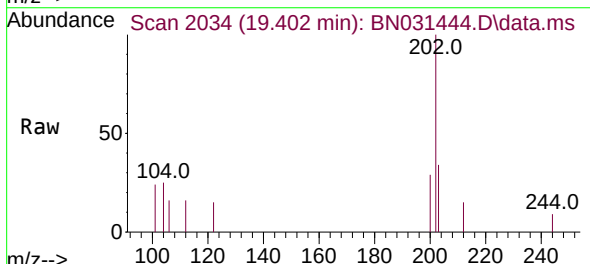
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124RE

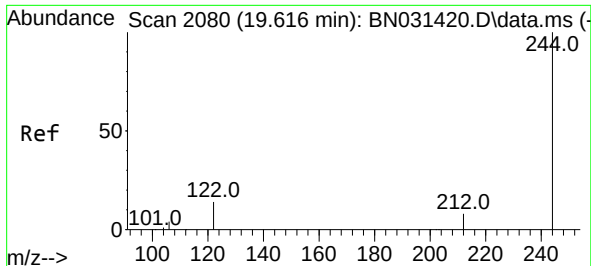
Tgt Ion:240 Resp: 21944
Ion Ratio Lower Upper
240 100
120 10.5 7.9 11.9
236 27.4 21.4 32.2



#30
Pyrene
Concen: Below Cal
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:202 Resp: 759
Ion Ratio Lower Upper
202 100
200 23.6 16.6 24.8
203 19.6 14.3 21.5

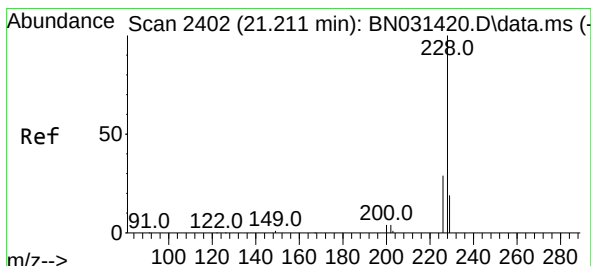
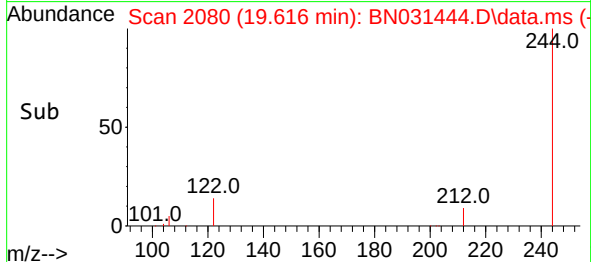
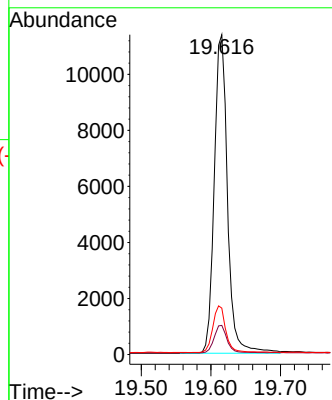
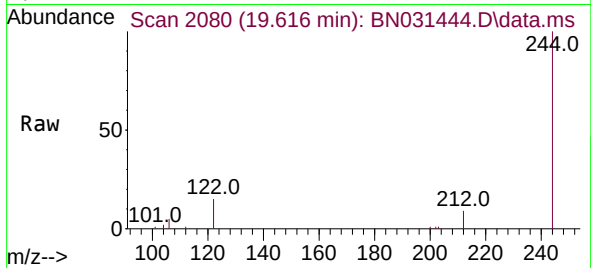




#31
Terphenyl-d14
Concen: 0.270 ng
RT: 19.616 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

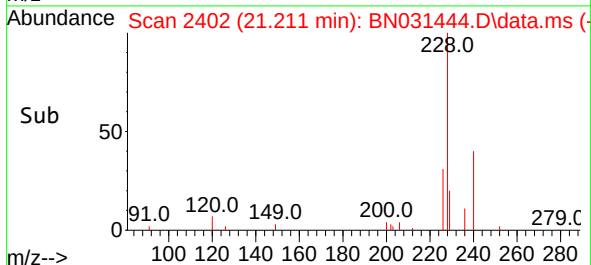
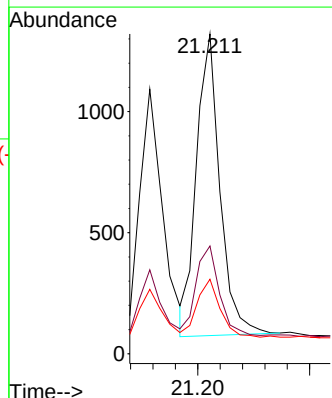
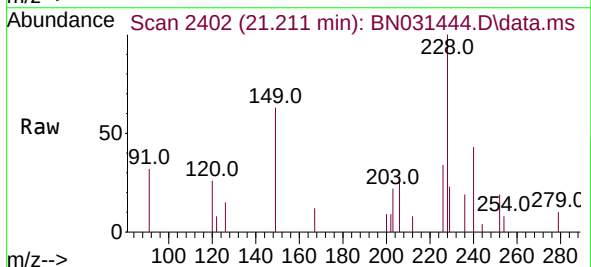
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124RE

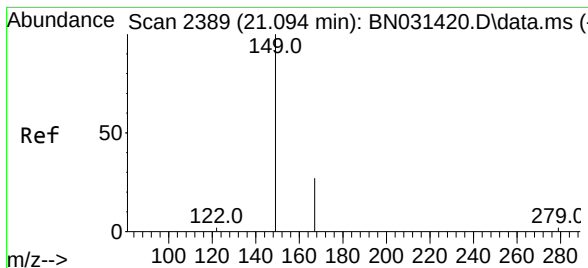
Tgt Ion:244 Resp: 15032
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 14.5 11.4 17.2



#33
Chrysene
Concen: 0.023 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Tgt Ion:228 Resp: 1810
Ion Ratio Lower Upper
228 100
226 33.7 23.6 35.4
229 23.3 15.8 23.8

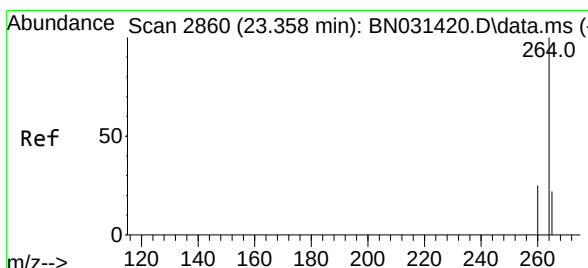
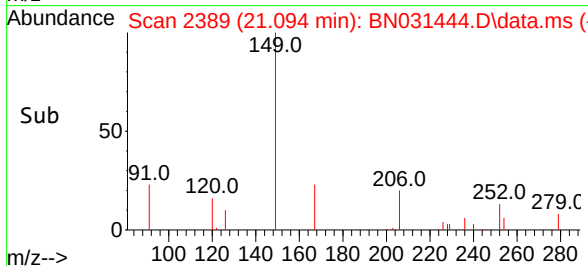
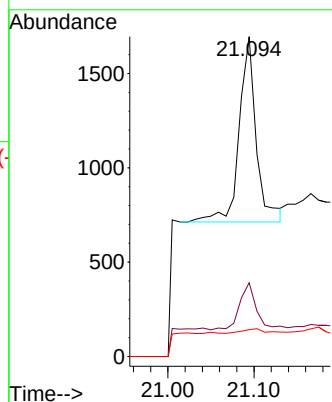
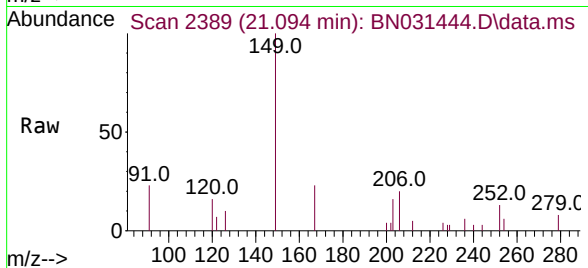




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

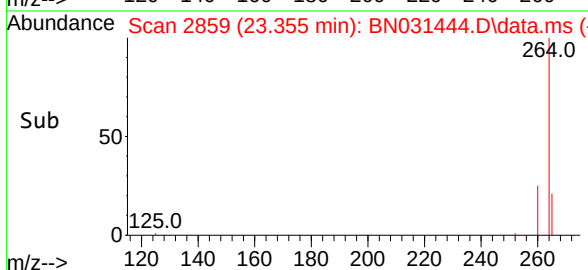
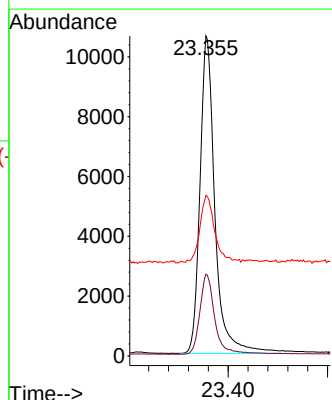
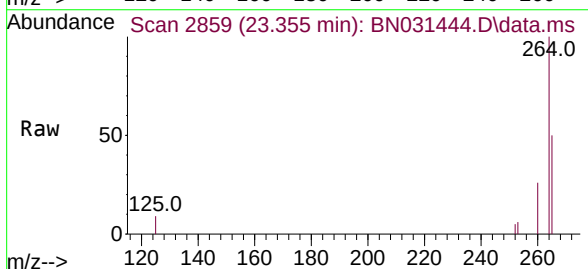
Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124RE

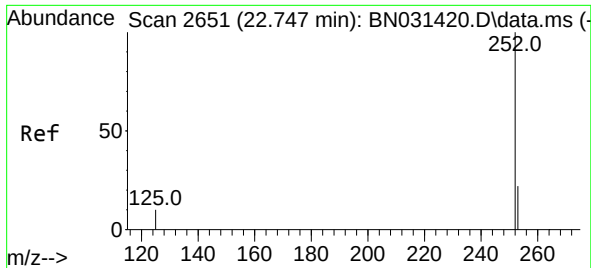
Tgt Ion:149 Resp: 1353
Ion Ratio Lower Upper
149 100
167 22.8 23.0 34.4#
279 0.0 3.2 4.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 2859
Delta R.T. -0.003 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

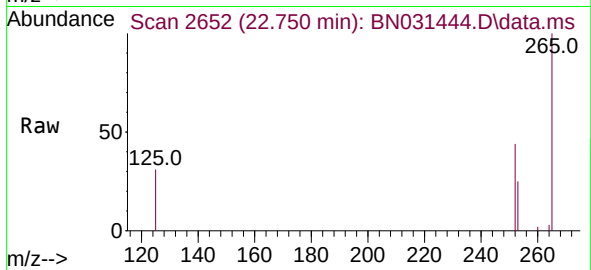
Tgt Ion:264 Resp: 22125
Ion Ratio Lower Upper
264 100
260 25.6 20.2 30.4
265 50.2 43.4 65.2





#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 22.750 min Scan# 2651
Delta R.T. 0.003 min
Lab File: BN031444.D
Acq: 08 May 2024 17:43

Instrument :
BNA_N
ClientSampleId :
MW-18B-112-050124RE



Tgt Ion:252 Resp: 1725
Ion Ratio Lower Upper
252 100
253 56.9 19.5 29.3#
125 69.1 11.5 17.3#

