

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031490.D
 Acq On : 11 May 2024 09:24
 Operator : MA/JU
 Sample : P2428-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-06B-38-050824

Quant Time: May 13 01:26:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12003	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	37904	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	20968	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	47374	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	36531	0.400	ng	0.00
35) Perylene-d12	23.501	264	32230	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	2906	0.085	ng	0.00
5) Phenol-d6	6.866	99	2514	0.055	ng	0.00
8) Nitrobenzene-d5	8.851	82	7611	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	13351	0.219	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	1682	0.211	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	25827	0.319	ng	-0.01
27) Fluoranthene-d10	19.114	212	36200	0.275	ng	0.00
31) Terphenyl-d14	19.718	244	37558	0.420	ng	-0.01

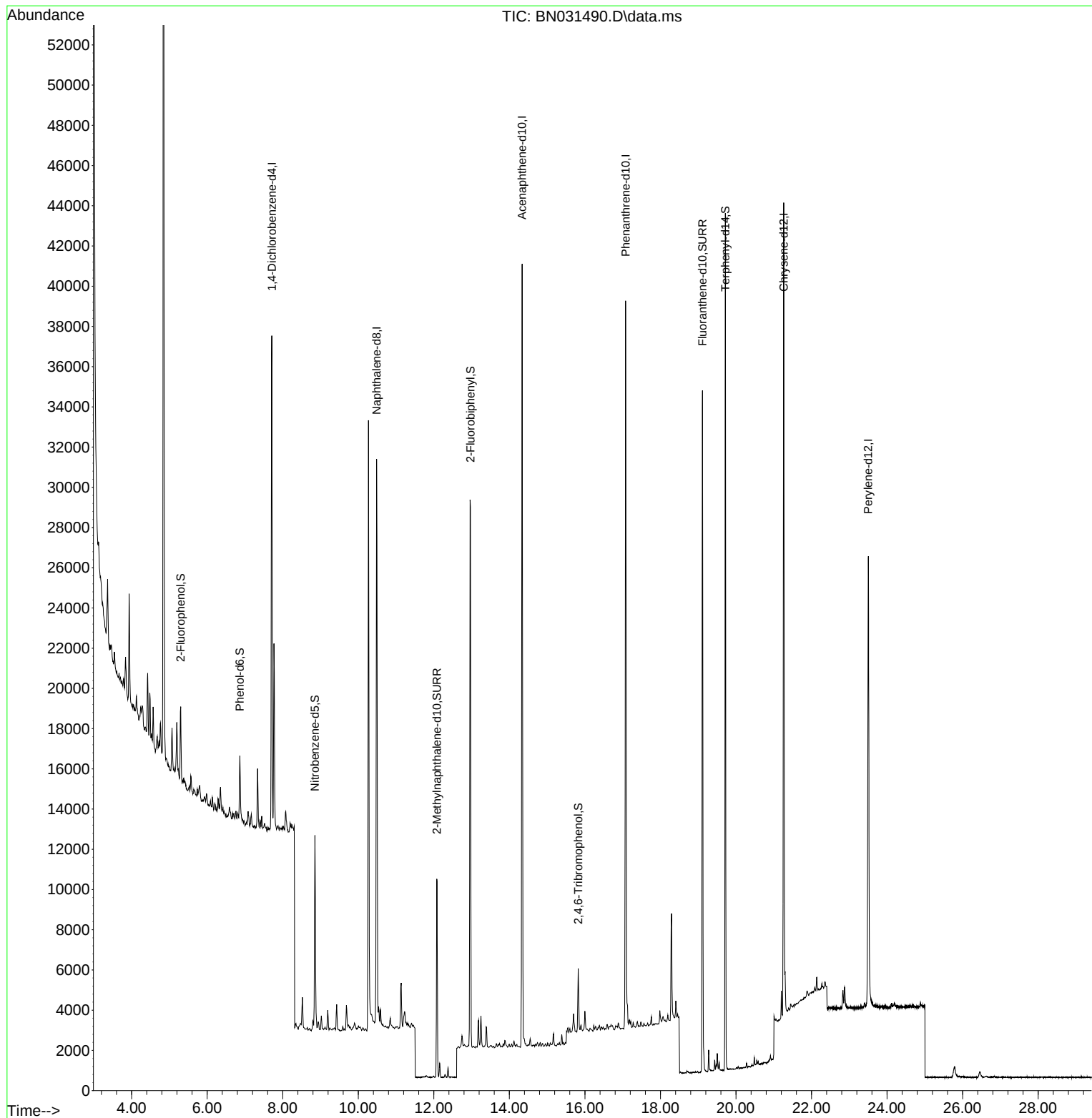
Target Compounds Qvalue

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

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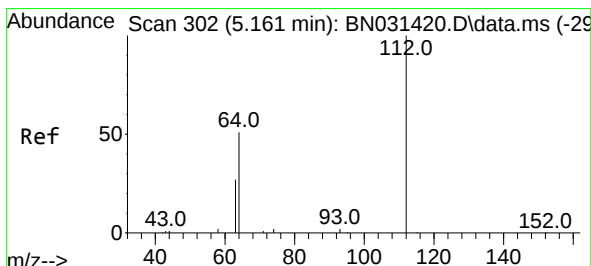
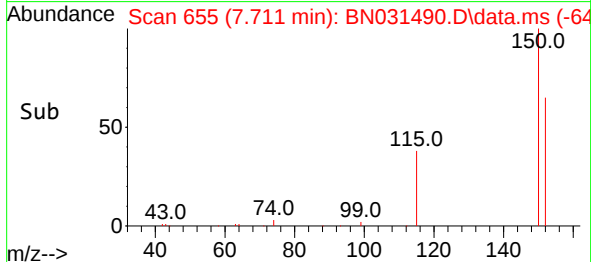
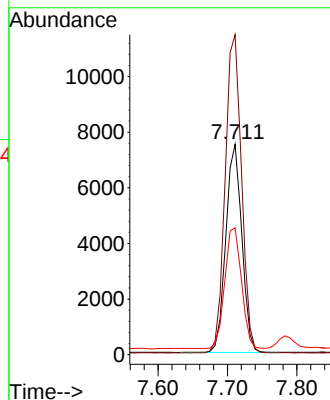
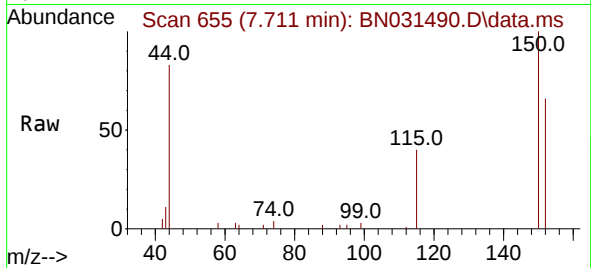




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

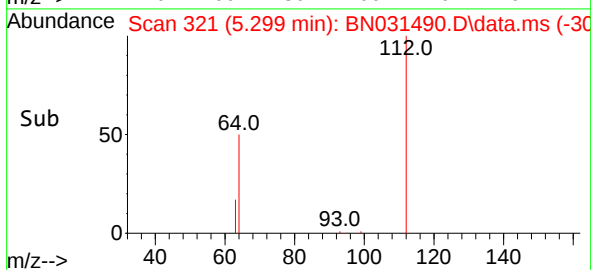
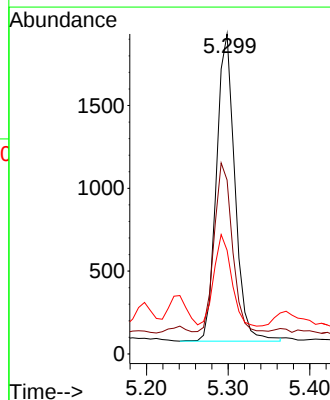
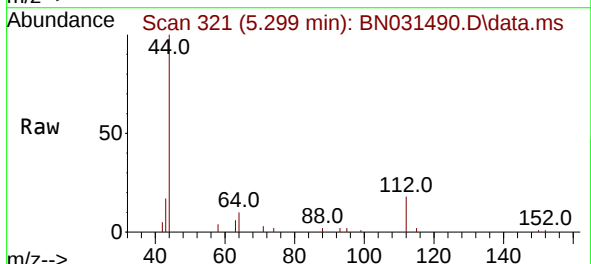
Instrument :
BNA_N
ClientSampleId :
RMW-06B-38-050824

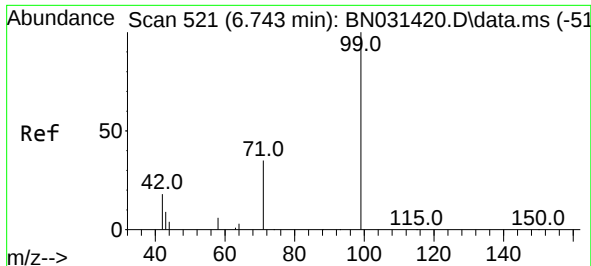
Tgt Ion:152 Resp: 12003
Ion Ratio Lower Upper
152 100
150 152.1 119.3 178.9
115 60.3 54.8 82.2



#4
2-Fluorophenol
Concen: 0.085 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion:112 Resp: 2906
Ion Ratio Lower Upper
112 100
64 53.9 44.0 66.0
63 28.3 22.2 33.4

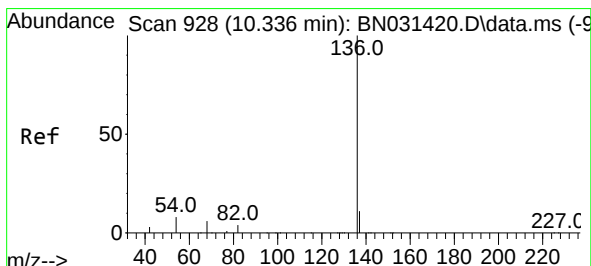
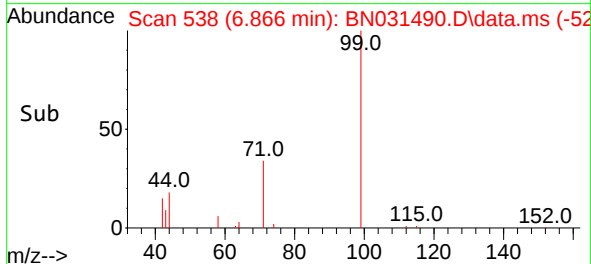
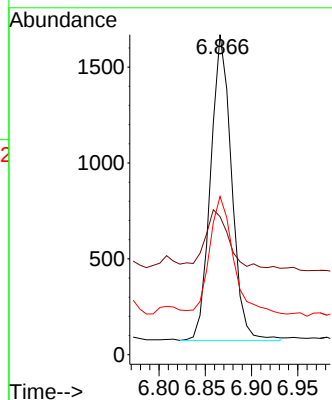
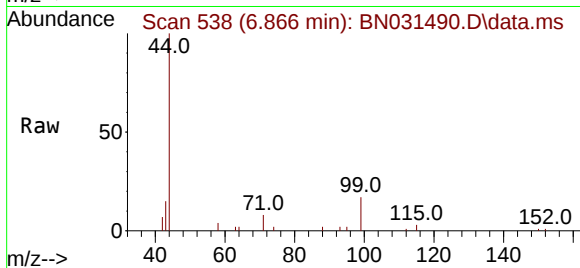




#5
Phenol-d6
Concen: 0.055 ng
RT: 6.866 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

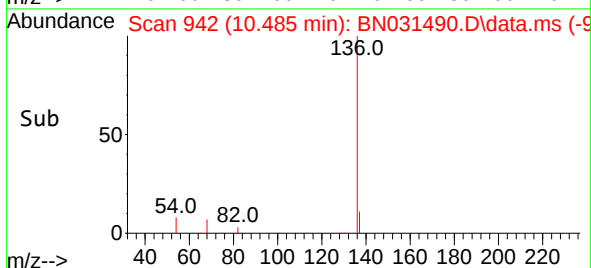
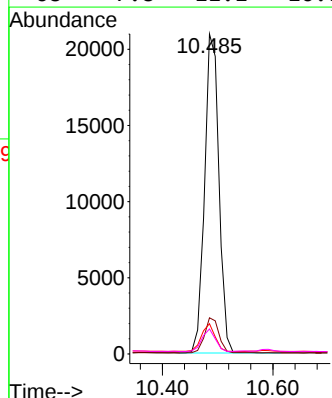
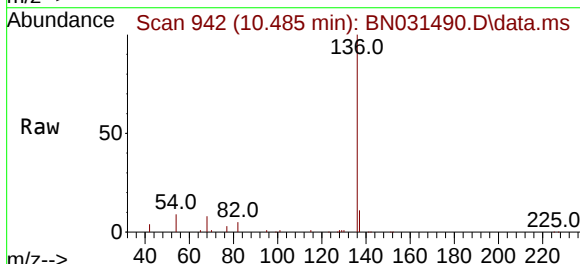
Instrument :
BNA_N
ClientSampleId :
RMW-06B-38-050824

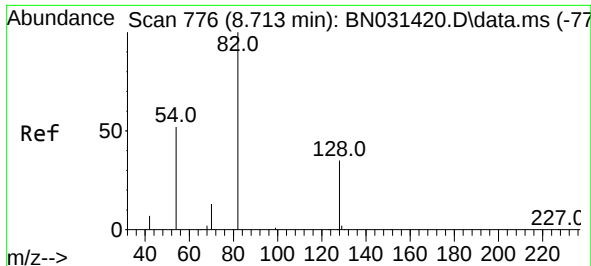
Tgt Ion: 99 Resp: 2514
Ion Ratio Lower Upper
99 100
42 21.3 13.5 20.3#
71 43.5 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion: 136 Resp: 37904
Ion Ratio Lower Upper
136 100
137 11.3 10.1 15.1
54 9.4 10.5 15.7#
68 7.8 11.1 16.7#

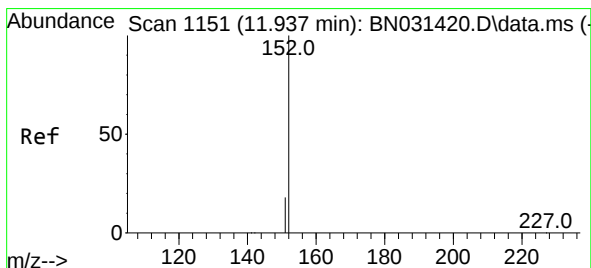
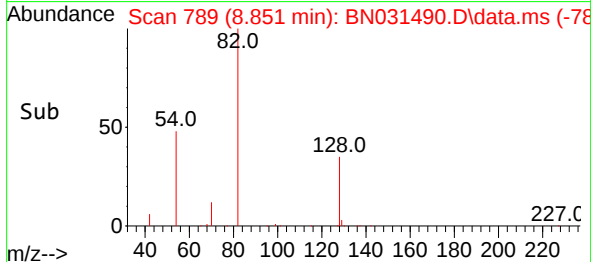
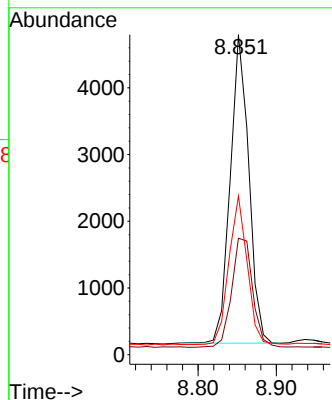
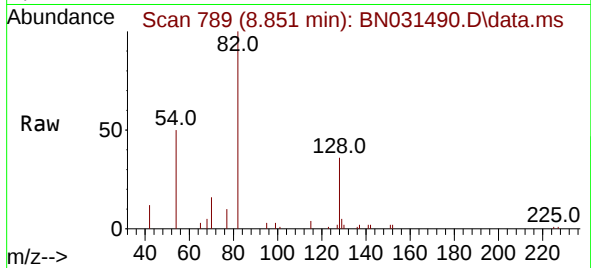




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.851 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

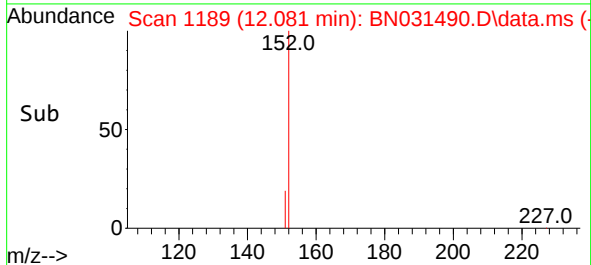
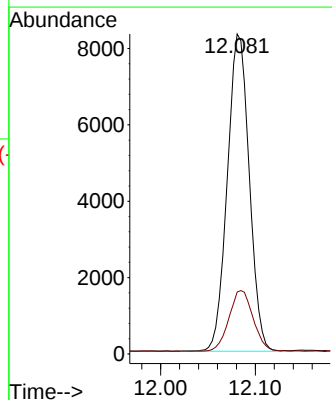
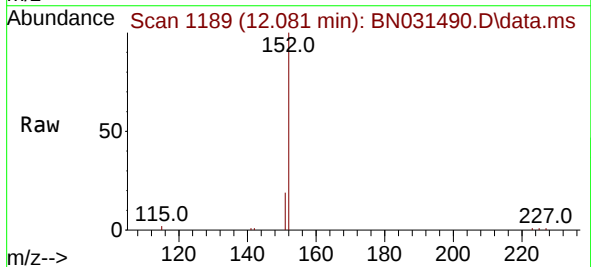
Instrument :
BNA_N
ClientSampleId :
RMW-06B-38-050824

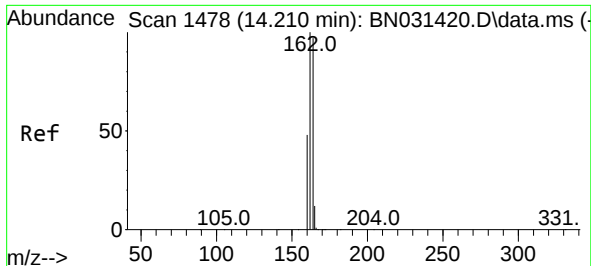
Tgt Ion: 82 Resp: 7611
Ion Ratio Lower Upper
82 100
128 36.4 29.0 43.6
54 49.6 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.081 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion: 152 Resp: 13351
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

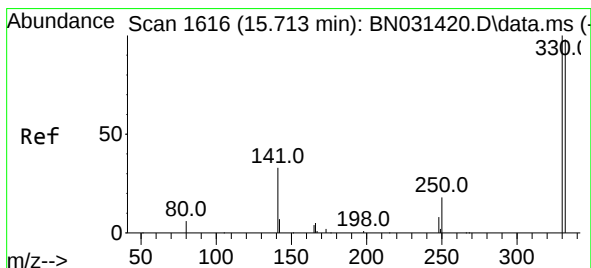
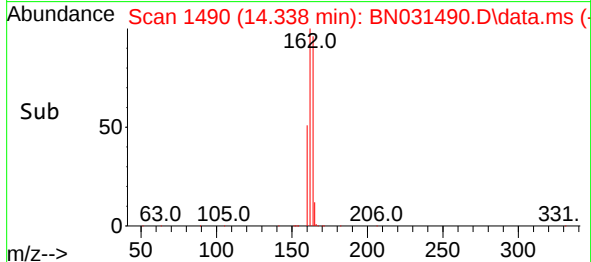
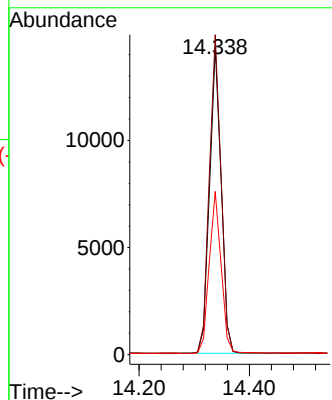
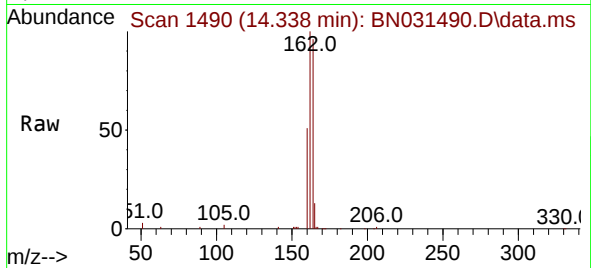




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

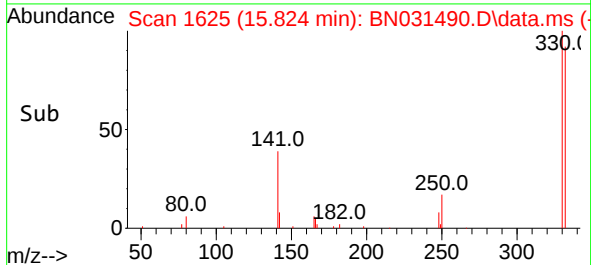
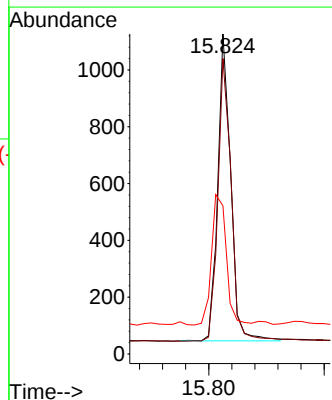
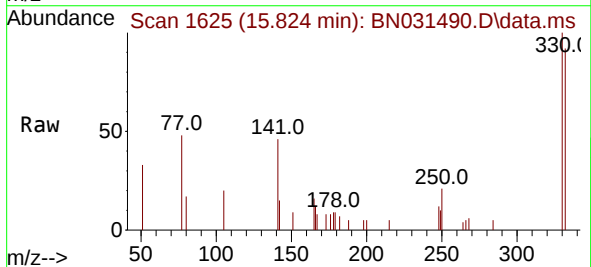
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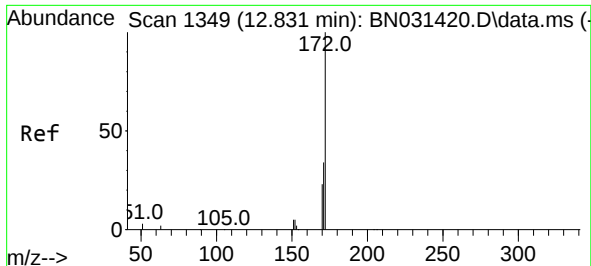
Tgt Ion:164 Resp: 20968
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 53.0 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 15.824 min Scan# 1625
Delta R.T. -0.013 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion:330 Resp: 1682
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 48.3 37.0 55.4

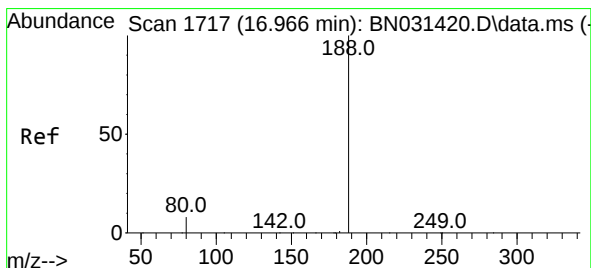
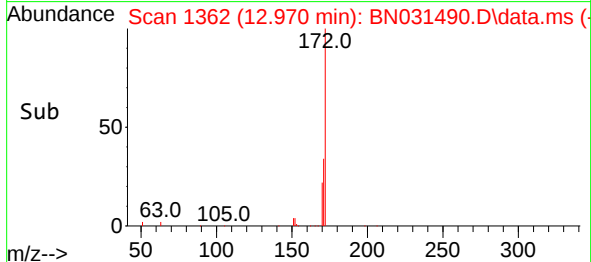
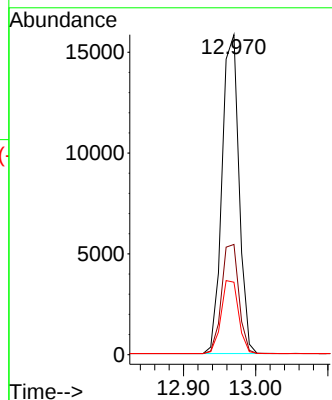
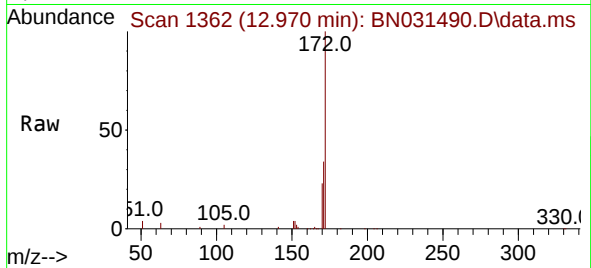




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.970 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

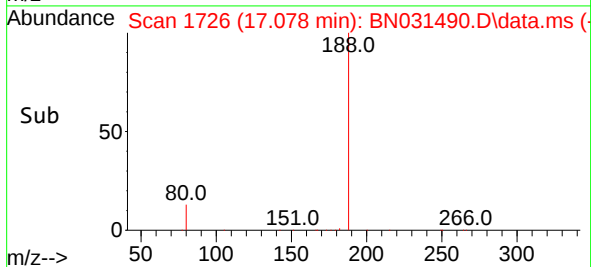
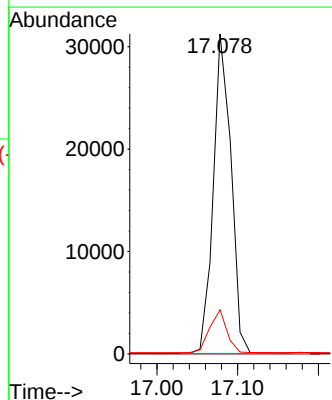
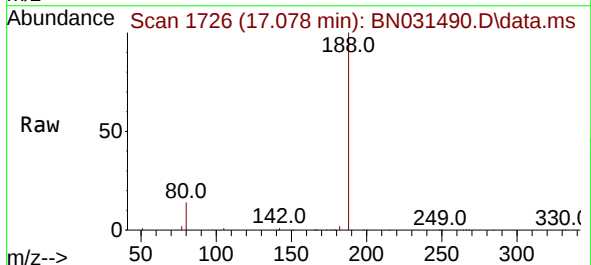
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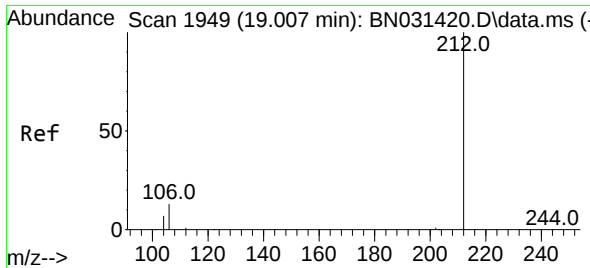
Tgt Ion:	172	Resp:	25827
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.8	41.8
170	22.6	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion:	188	Resp:	47374
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.8	9.6	14.4

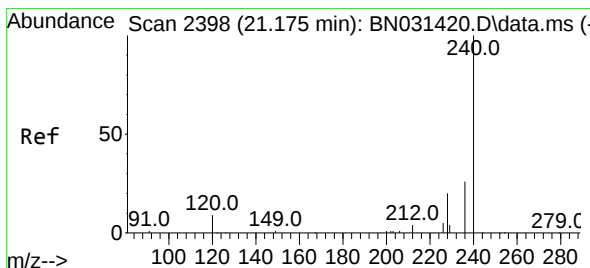
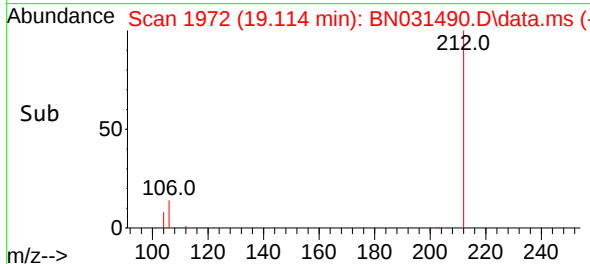
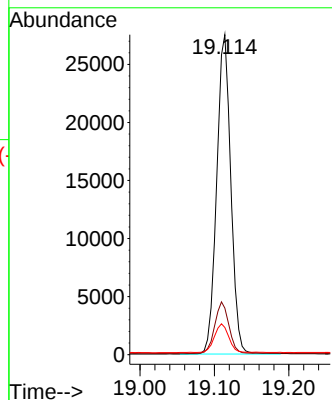
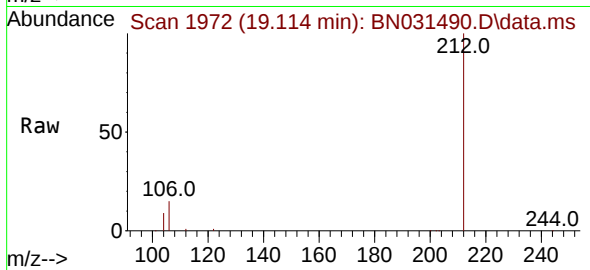




#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.114 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

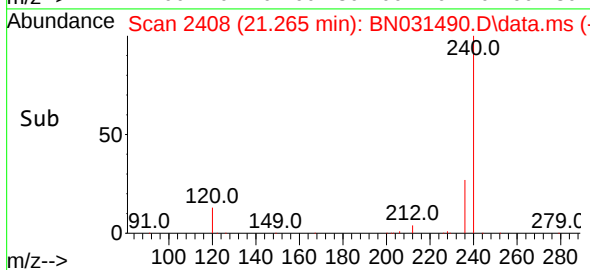
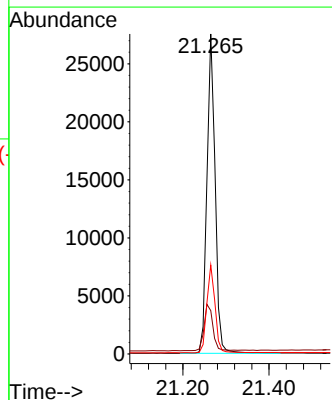
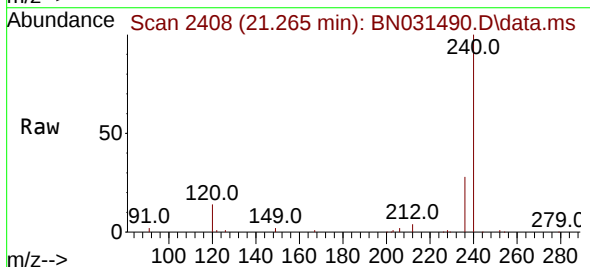
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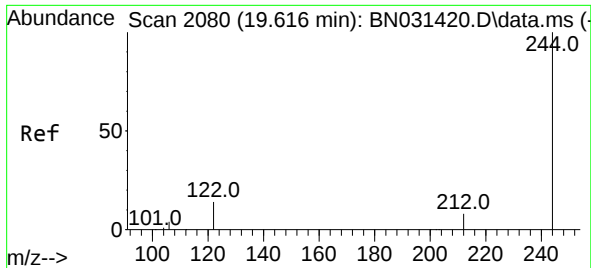
Tgt Ion:212 Resp: 36200
Ion Ratio Lower Upper
212 100
106 16.1 12.0 18.0
104 9.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion:240 Resp: 36531
Ion Ratio Lower Upper
240 100
120 13.6 11.4 17.2
236 27.8 22.2 33.4

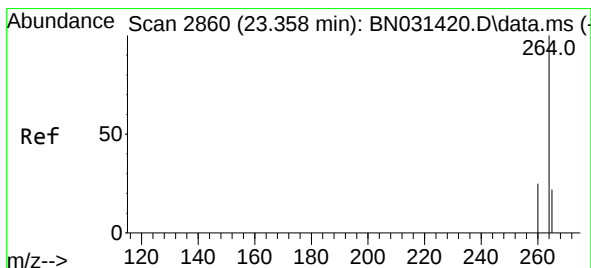
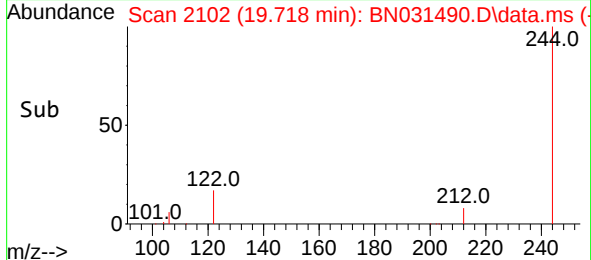
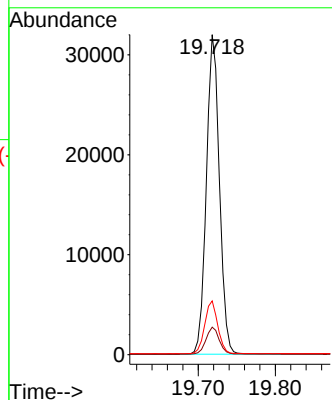
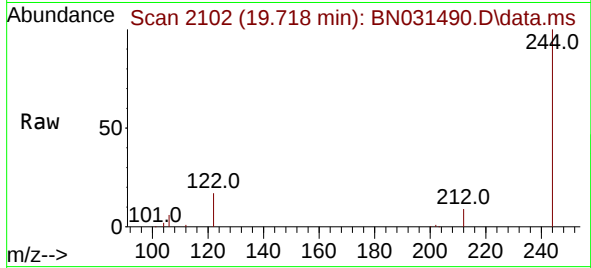




#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.718 min Scan# 2102
Delta R.T. -0.014 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Instrument :
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RMW-06B-38-050824

Tgt Ion:244 Resp: 37558
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 16.8 11.4 17.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.501 min Scan# 2909
Delta R.T. -0.018 min
Lab File: BN031490.D
Acq: 11 May 2024 09:24

Tgt Ion:264 Resp: 32230
Ion Ratio Lower Upper
264 100
260 25.9 20.6 31.0
265 36.8 24.0 36.0#

