

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030050.D
 Acq On : 26 Feb 2024 10:23
 Operator : MA/JU
 Sample : PB159108BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159108BL

Quant Time: Feb 26 10:52:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

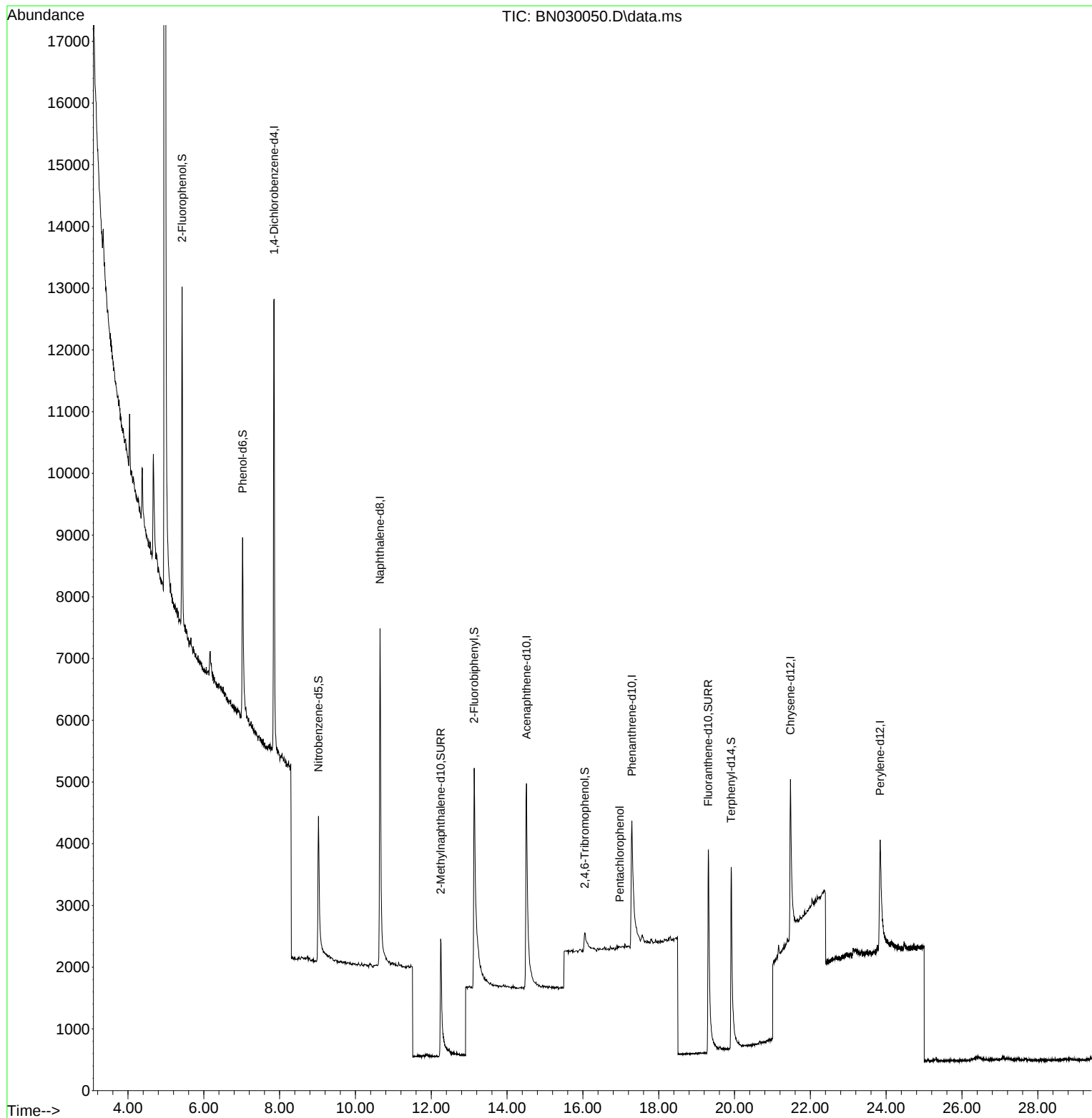
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4126	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10120	0.400	ng	# 0.00
13) Acenaphthene-d10	14.511	164	4303	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	7418	0.400	ng	# 0.04
29) Chrysene-d12	21.474	240	5350	0.400	ng	0.02
35) Perylene-d12	23.841	264	4967	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4496	0.454	ng	0.00
5) Phenol-d6	7.024	99	4200	0.367	ng	0.00
8) Nitrobenzene-d5	9.025	82	3455	0.410	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5061	0.367	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	384	0.278	ng	0.05
15) 2-Fluorobiphenyl	13.132	172	6576	0.356	ng	0.01
27) Fluoranthene-d10	19.308	212	8048	0.448	ng	0.02
31) Terphenyl-d14	19.912	244	6119	0.461	ng	0.01
Target Compounds						
24) Pentachlorophenol	16.970	266	36	0.021	ng	# 35

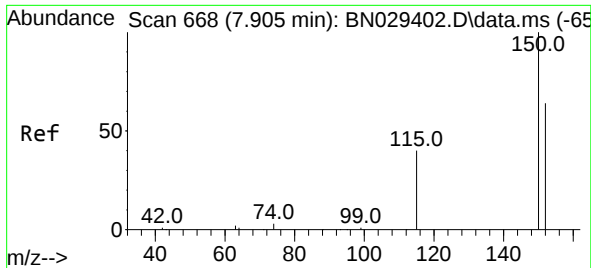
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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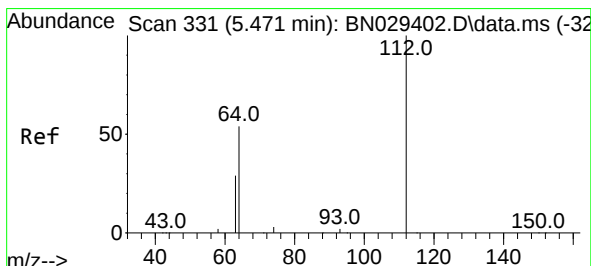
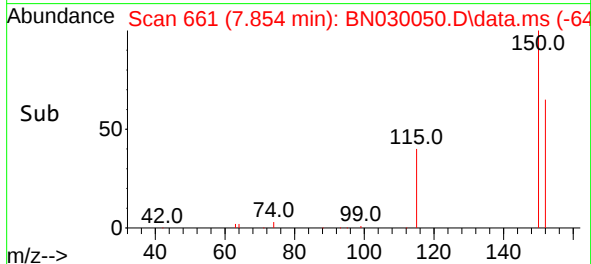
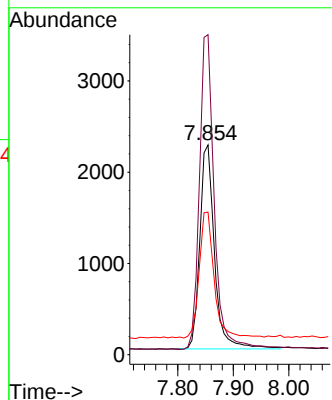
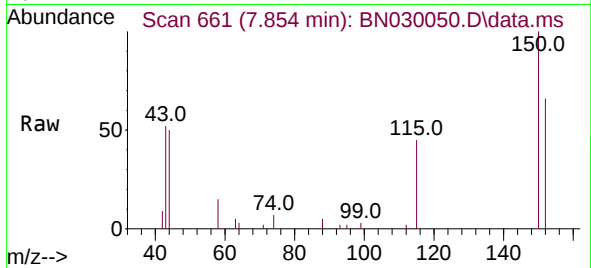




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

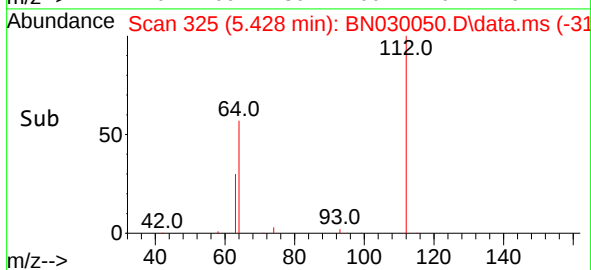
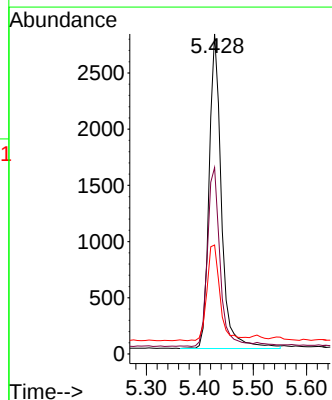
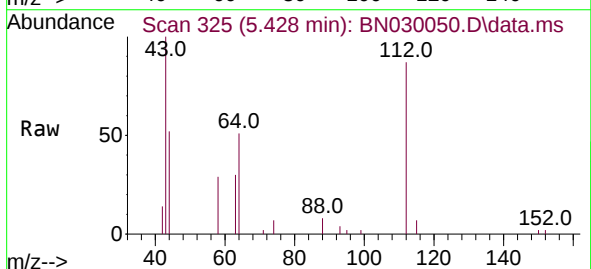
Instrument :
BNA_N
ClientSampleId :
PB159108BL

Tgt Ion:152 Resp: 4126
Ion Ratio Lower Upper
152 100
150 152.5 123.0 184.4
115 67.9 51.4 77.0



#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.428 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

Tgt Ion:112 Resp: 4496
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.8 25.8 38.6

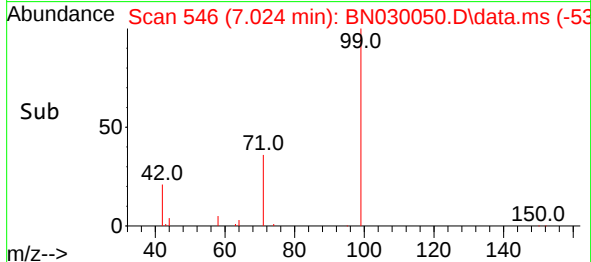
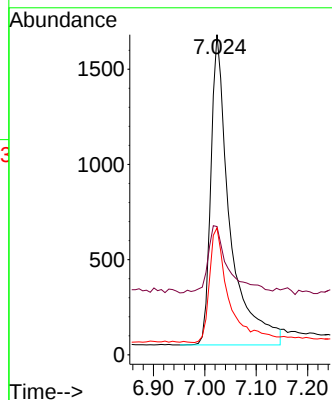
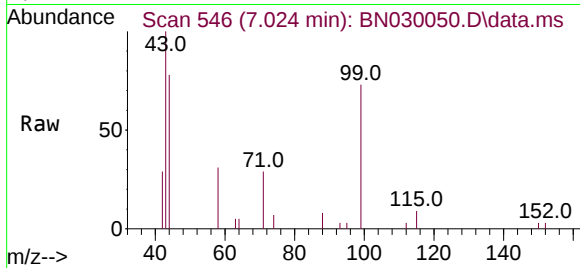




#5
Phenol-d6
Concen: 0.367 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

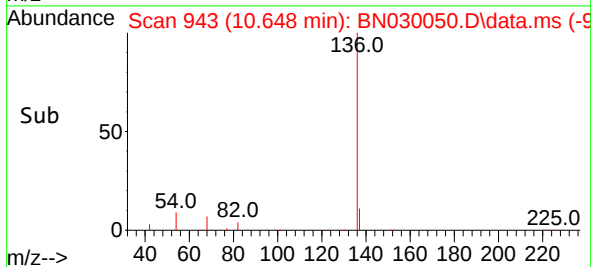
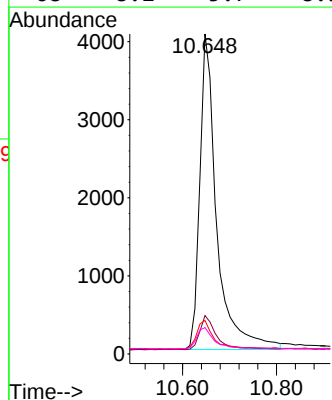
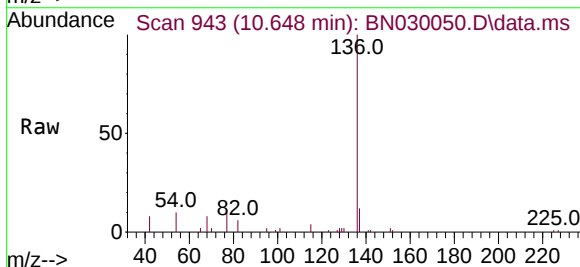
Instrument :
BNA_N
ClientSampleId :
PB159108BL

Tgt Ion: 99 Resp: 4200
Ion Ratio Lower Upper
99 100
42 23.2 16.9 25.3
71 38.0 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

Tgt Ion: 136 Resp: 10120
Ion Ratio Lower Upper
136 100
137 12.0 9.7 14.5
54 10.4 6.6 10.0#
68 8.2 5.7 8.5

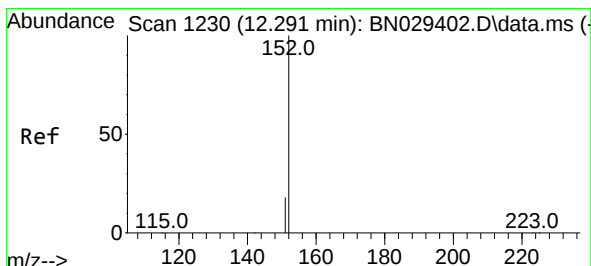
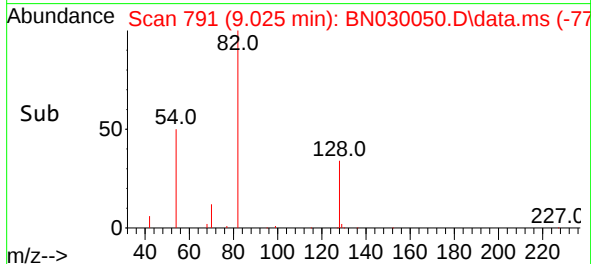
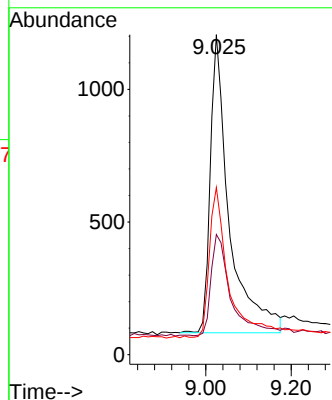
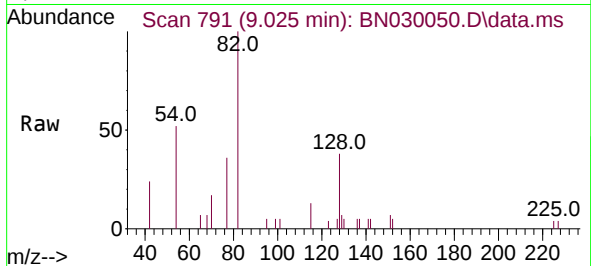




#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

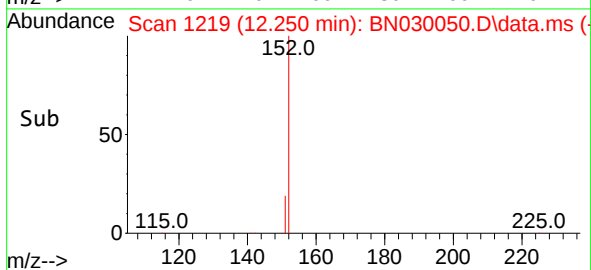
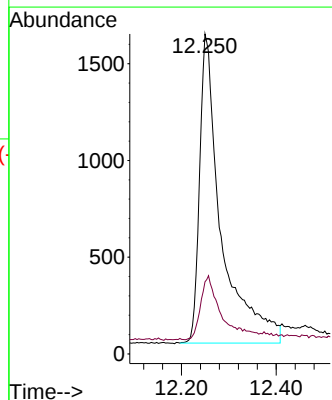
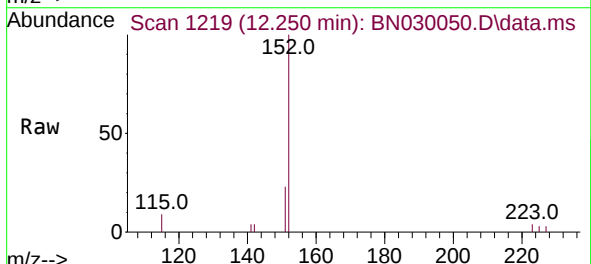
Instrument :
BNA_N
ClientSampleId :
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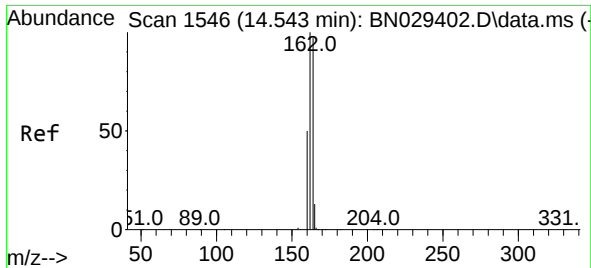
Tgt Ion: 82 Resp: 3455
Ion Ratio Lower Upper
82 100
128 37.6 31.6 47.4
54 52.2 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

Tgt Ion: 152 Resp: 5061
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7



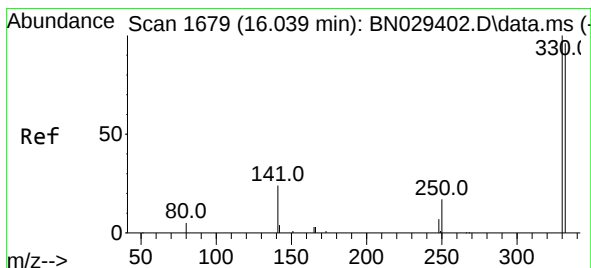
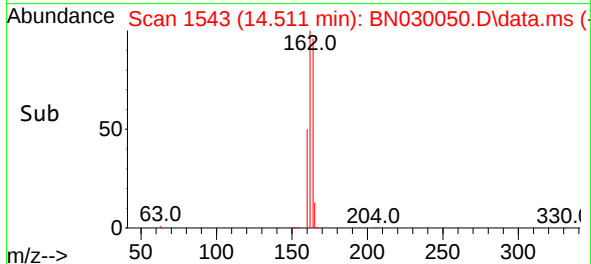
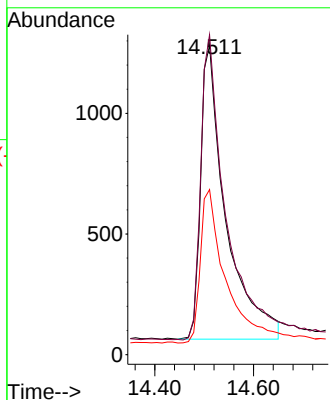
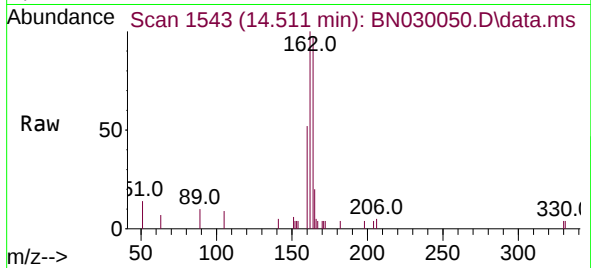


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.511 min Scan# 11
 Delta R.T. 0.021 min
 Lab File: BN030050.D
 Acq: 26 Feb 2024 10:23

Instrument :
 BNA_N
 ClientSampleId :
 PB159108BL

Tgt Ion:164 Resp: 4303

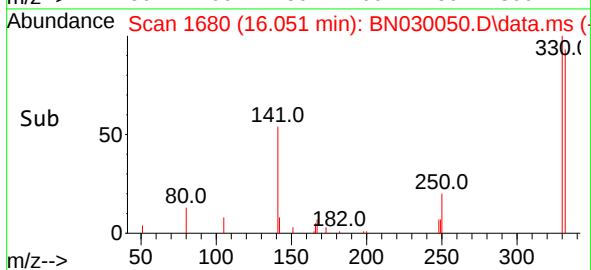
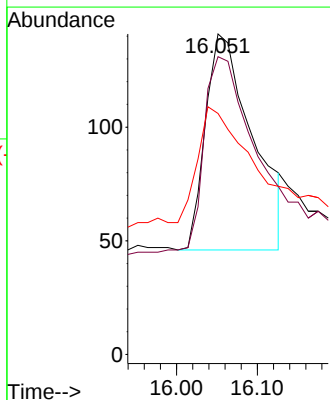
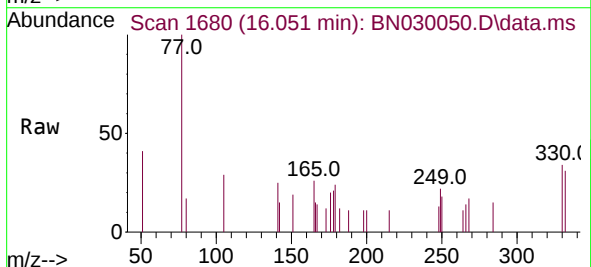
Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	53.4	41.5	62.3

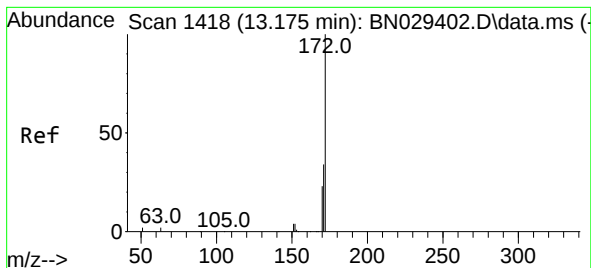


#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 16.051 min Scan# 1680
 Delta R.T. 0.050 min
 Lab File: BN030050.D
 Acq: 26 Feb 2024 10:23

Tgt Ion:330 Resp: 384

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	58.6	43.4	65.2

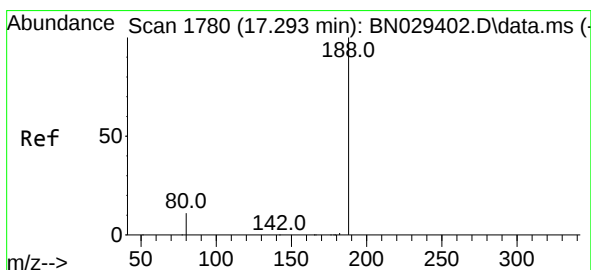
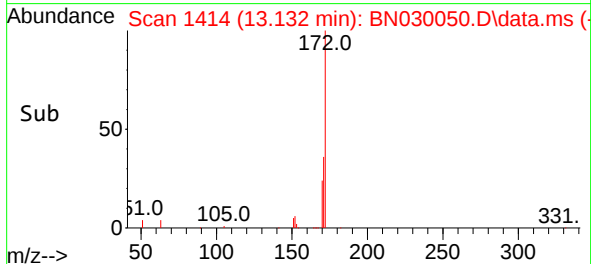
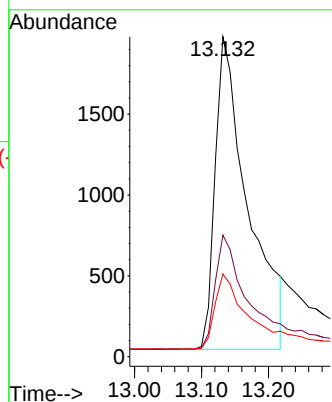
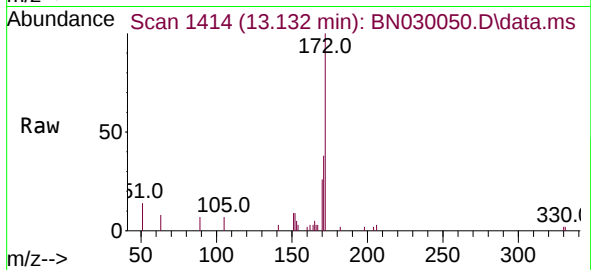




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

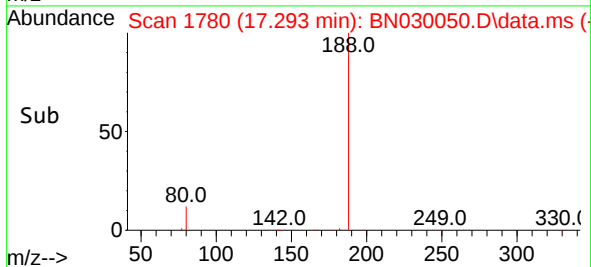
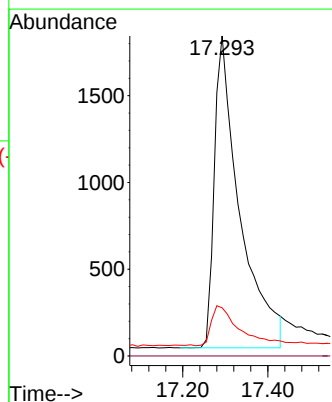
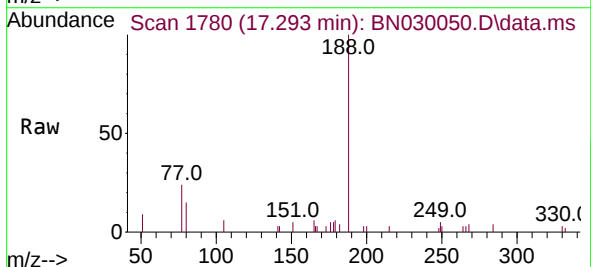
Instrument :
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ClientSampleId :
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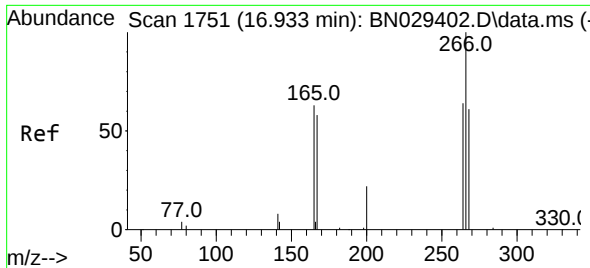
Tgt Ion:172 Resp: 6576
Ion Ratio Lower Upper
172 100
171 38.0 28.0 42.0
170 25.9 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.037 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

Tgt Ion:188 Resp: 7418
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.0 15.0#

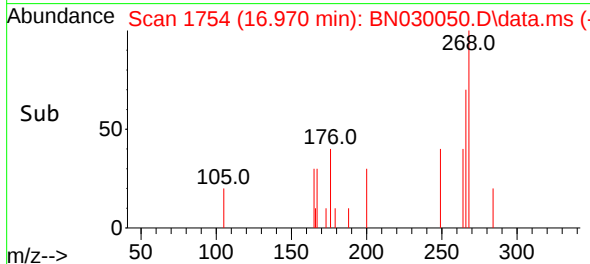
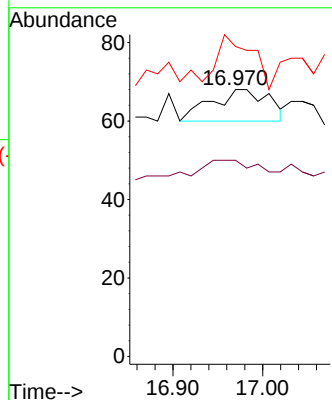
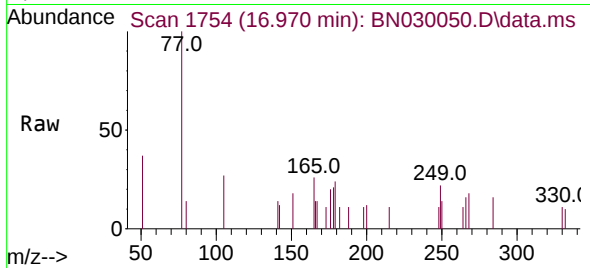




#24
 Pentachlorophenol
 Concen: 0.021 ng
 RT: 16.970 min Scan# 1754
 Delta R.T. 0.062 min
 Lab File: BN030050.D
 Acq: 26 Feb 2024 10:23

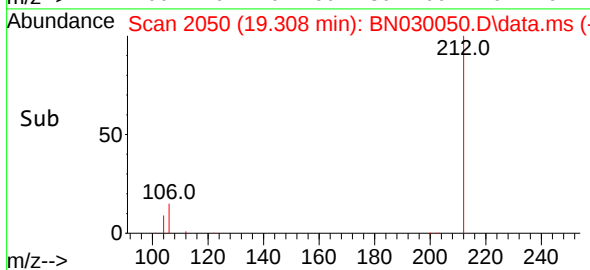
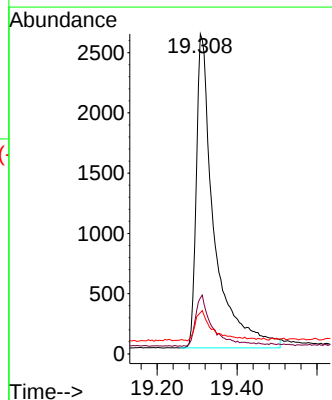
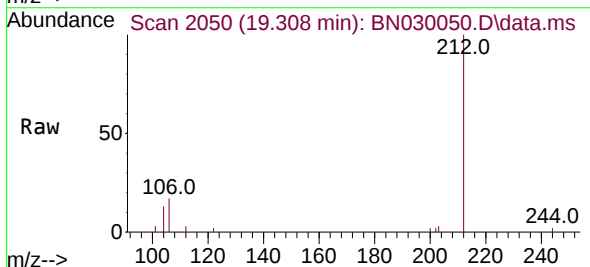
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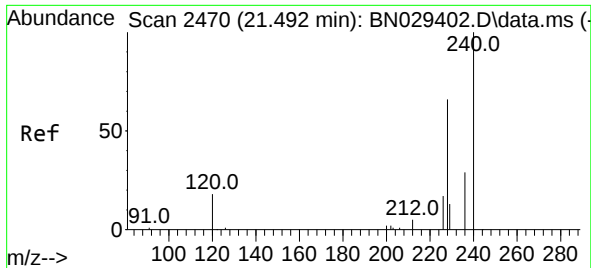
Tgt Ion:266 Resp: 36
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.8 76.2#
 268 102.8 51.5 77.3#



#27
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.308 min Scan# 2050
 Delta R.T. 0.019 min
 Lab File: BN030050.D
 Acq: 26 Feb 2024 10:23

Tgt Ion:212 Resp: 8048
 Ion Ratio Lower Upper
 212 100
 106 14.6 13.2 19.8
 104 9.0 7.7 11.5

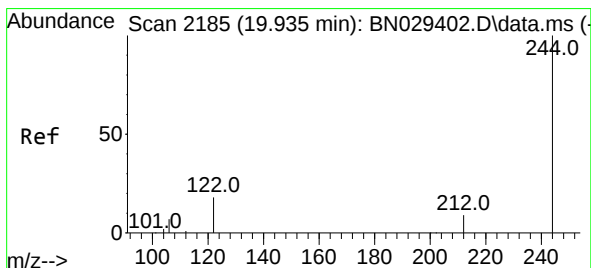
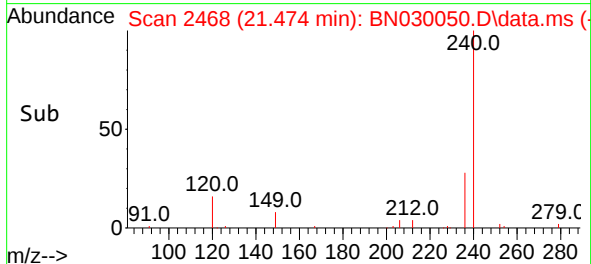
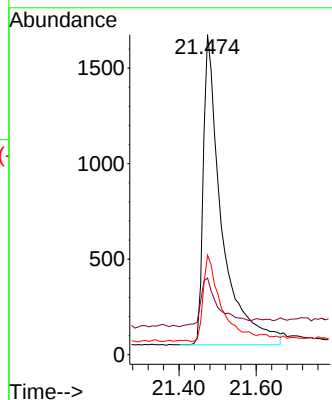
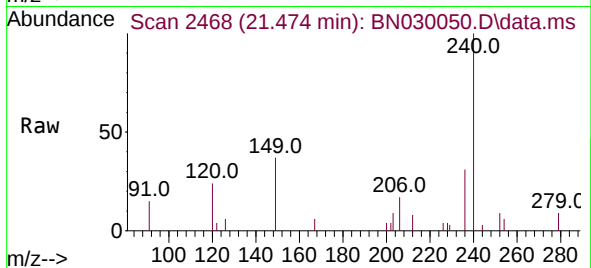




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.018 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

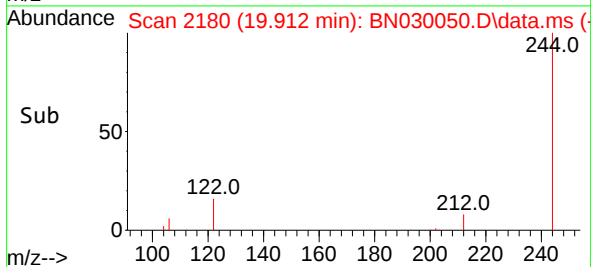
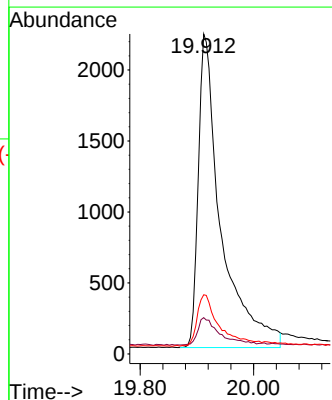
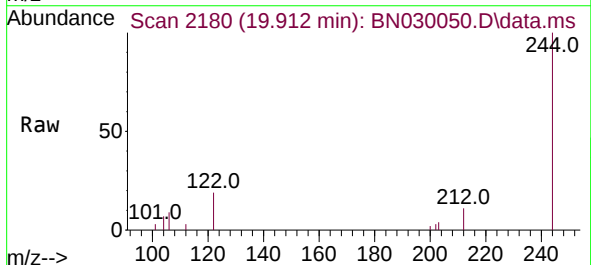
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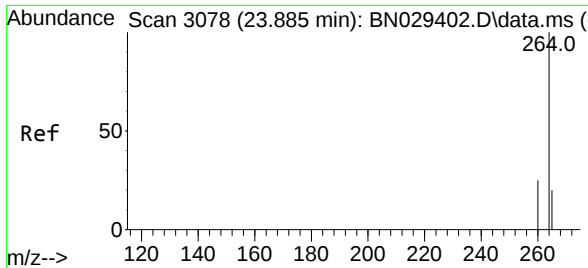
Tgt Ion:240 Resp: 5350
Ion Ratio Lower Upper
240 100
120 23.9 16.7 25.1
236 31.1 23.9 35.9



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.912 min Scan# 2180
Delta R.T. 0.014 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

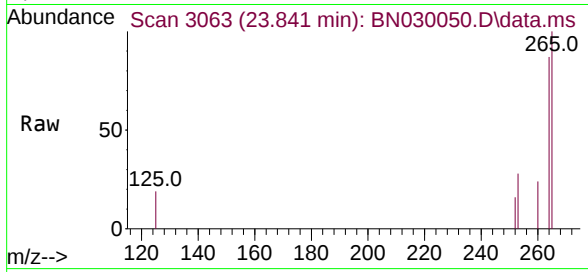
Tgt Ion:244 Resp: 6119
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 18.5 15.6 23.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.841 min Scan# 30
Delta R.T. 0.020 min
Lab File: BN030050.D
Acq: 26 Feb 2024 10:23

Instrument :
BNA_N
ClientSampleId :
PB159108BL



Tgt Ion:264 Resp: 4967
Ion Ratio Lower Upper
264 100
260 27.5 21.2 31.8
265 115.0 41.5 62.3#

