

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030082.D
 Acq On : 27 Feb 2024 06:51
 Operator : MA/JU
 Sample : P1578-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20240221

Quant Time: Feb 27 07:20:27 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)

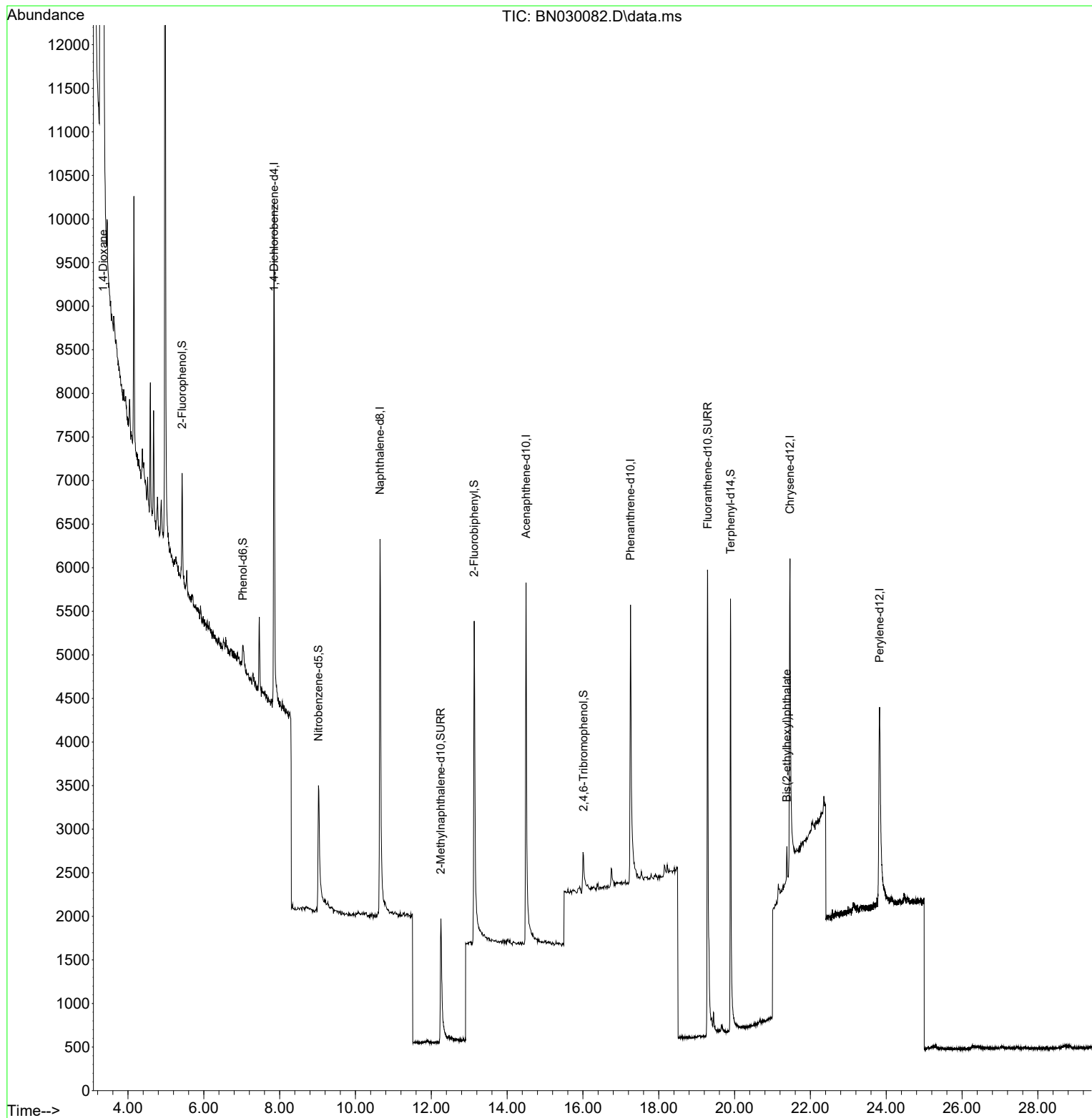
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3159	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	8024	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	3432	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	7198	0.400	ng	# 0.00
29) Chrysene-d12	21.461	240	5836	0.400	ng	0.00
35) Perylene-d12	23.825	264	5661	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1009	0.133	ng	0.00
5) Phenol-d6	7.031	99	497	0.057	ng	0.00
8) Nitrobenzene-d5	9.025	82	2391	0.358	ng	0.01
11) 2-Methylnaphthalene-d10	12.254	152	3562	0.326	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	422	0.383	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	4869	0.330	ng	0.01
27) Fluoranthene-d10	19.290	212	8462	0.485	ng	0.00
31) Terphenyl-d14	19.894	244	6566	0.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	12605	2.834	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.380	149	487	0.036	ng	# 97

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

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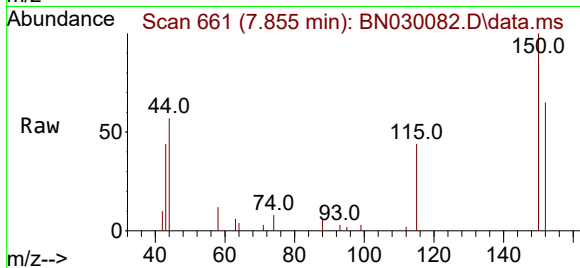
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



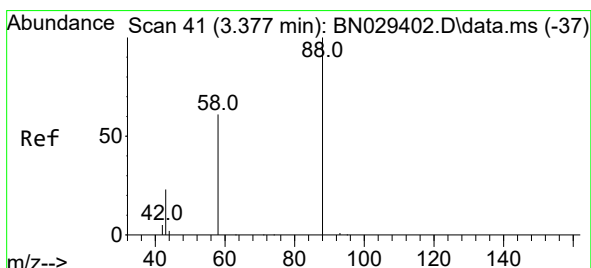
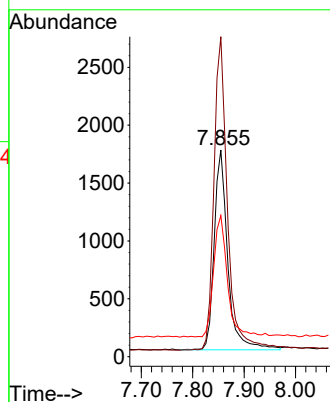
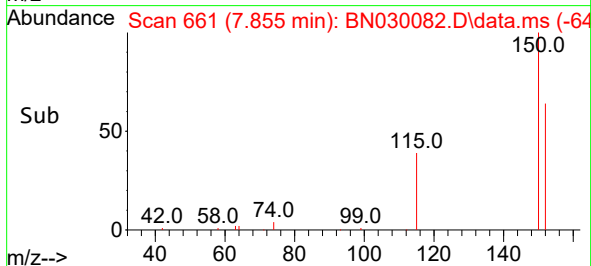


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 60
 Delta R.T. 0.001 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

Instrument :
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 ClientSampleId :
 TT180D1-20240221

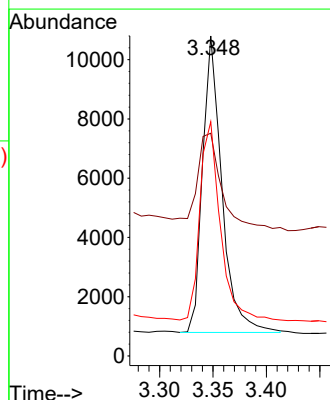
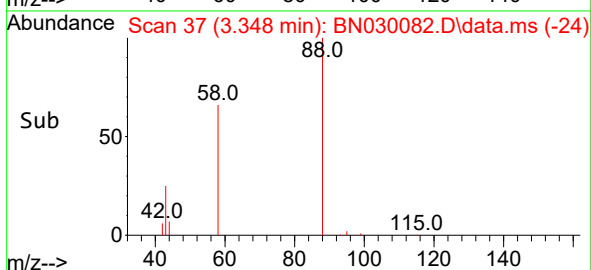
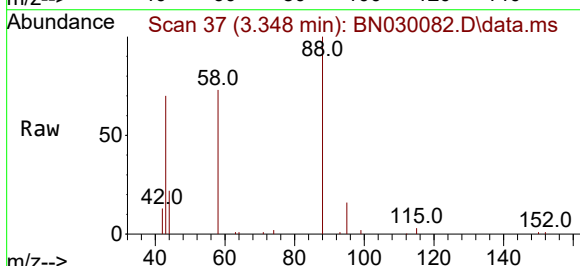


Tgt Ion:152 Resp: 3159
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.4
 115 68.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.834 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

Tgt Ion: 88 Resp: 12605
 Ion Ratio Lower Upper
 88 100
 43 40.2 23.3 34.9#
 58 70.0 53.8 80.6

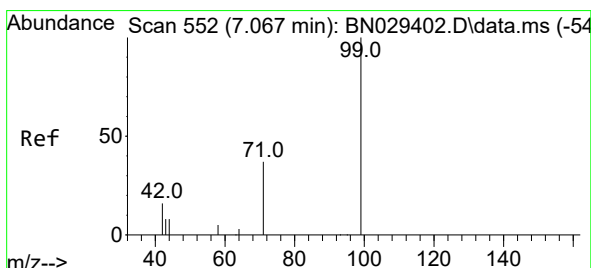
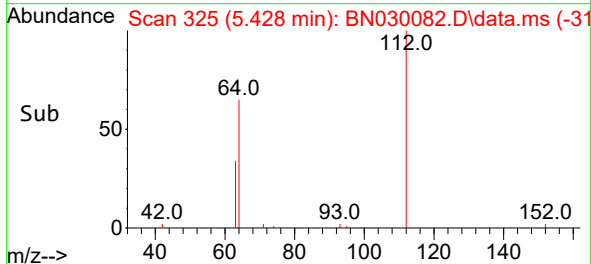
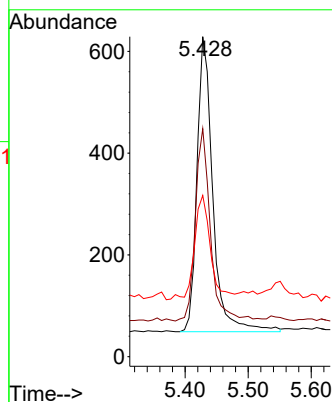
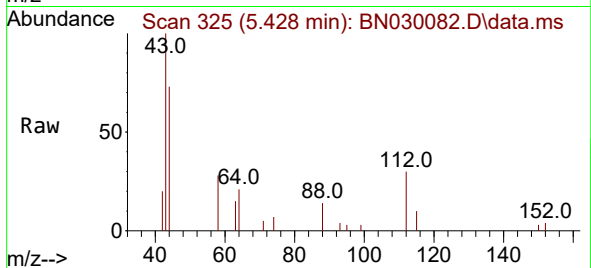




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.428 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

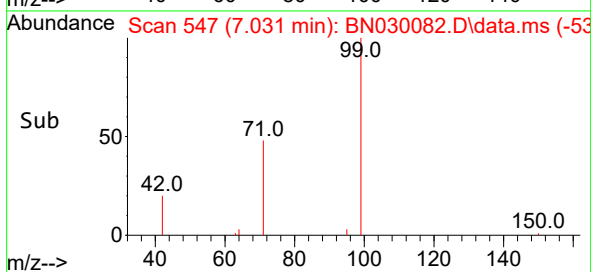
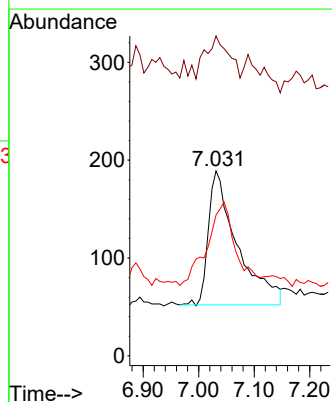
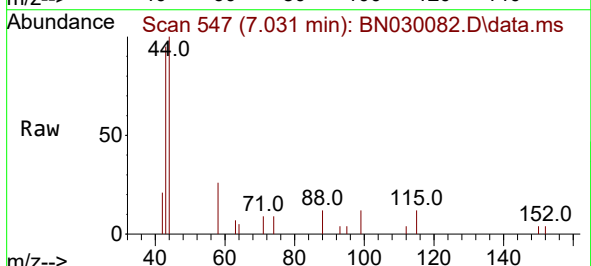
Instrument :
BNA_N
ClientSampleId :
TT180D1-20240221

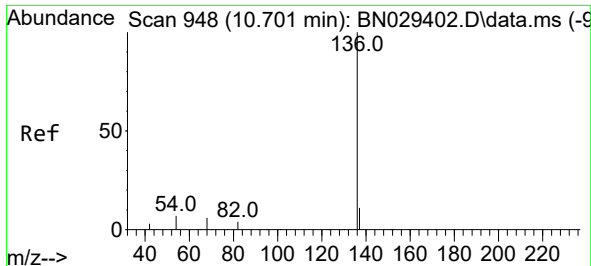
Tgt Ion:112 Resp: 1009
Ion Ratio Lower Upper
112 100
64 62.1 47.2 70.8
63 35.4 25.8 38.6



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

Tgt Ion: 99 Resp: 497
Ion Ratio Lower Upper
99 100
42 29.4 16.9 25.3#
71 60.2 30.0 45.0#

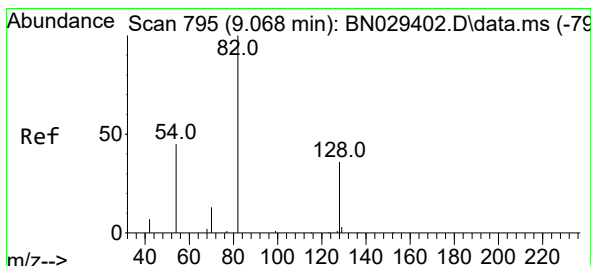
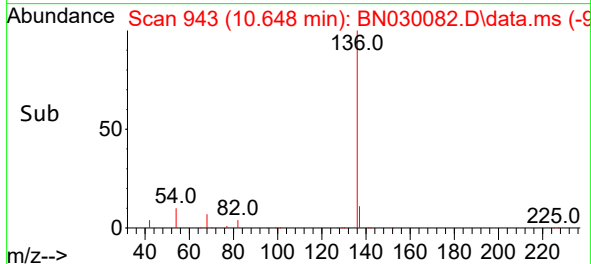
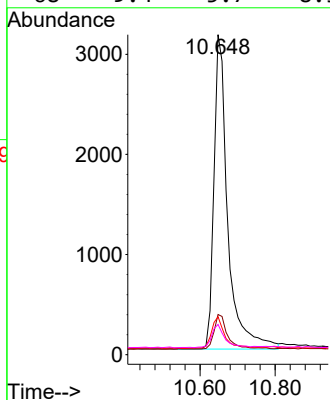
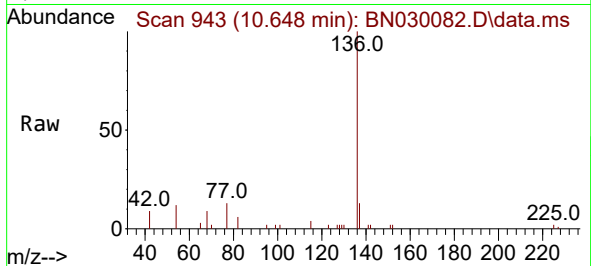




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

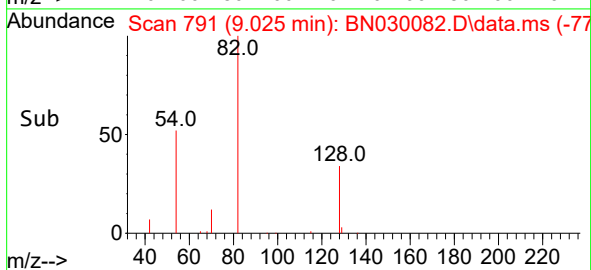
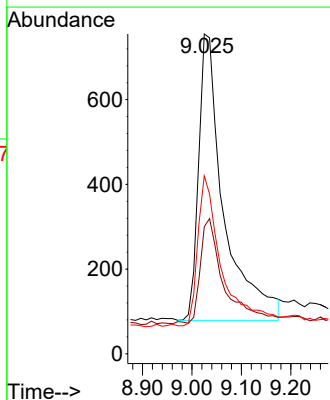
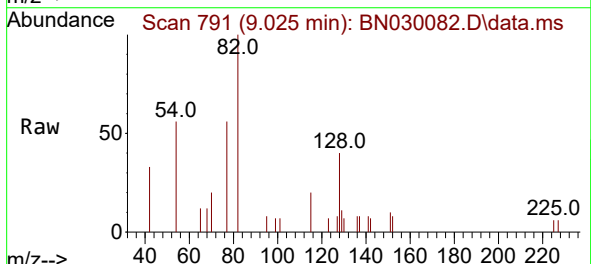
Instrument :
BNA_N
ClientSampleId :
TT180D1-20240221

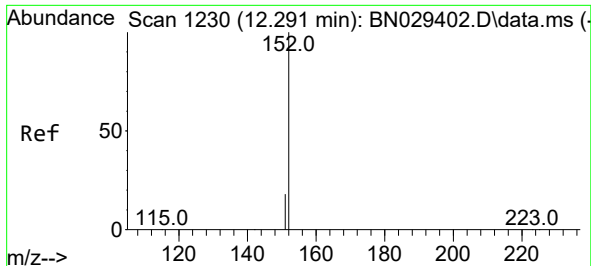
Tgt Ion:	136	Resp:	8024
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.7	14.5
54	11.9	6.6	10.0#
68	9.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

Tgt Ion:	82	Resp:	2391
Ion Ratio	Lower	Upper	
82	100		
128	39.7	31.6	47.4
54	55.6	38.2	57.4

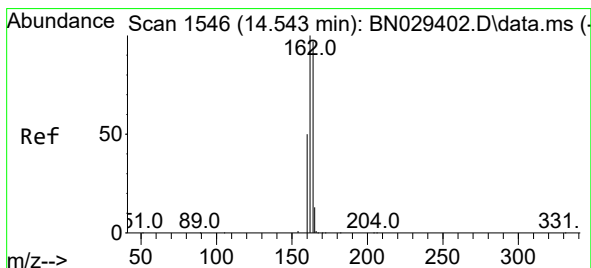
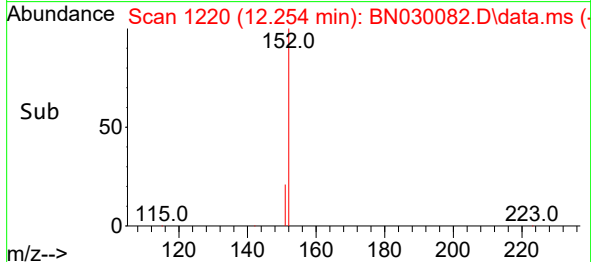
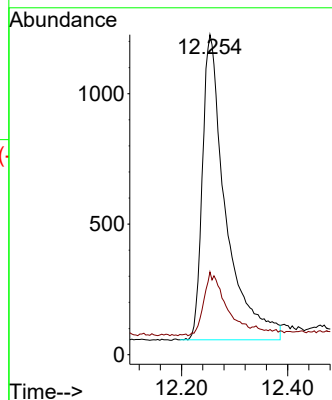
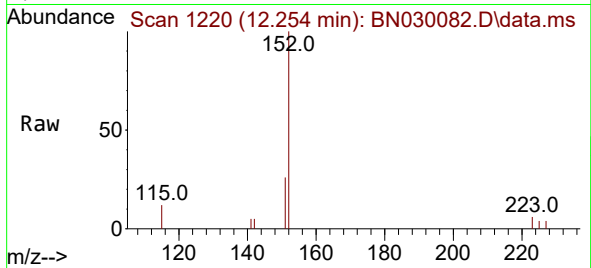




#11
 2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 12.254 min Scan# 11
 Delta R.T. 0.008 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

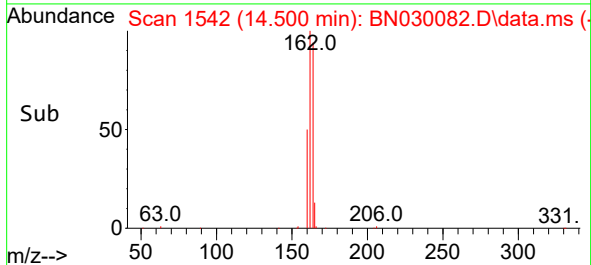
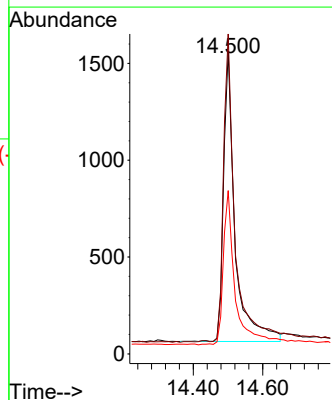
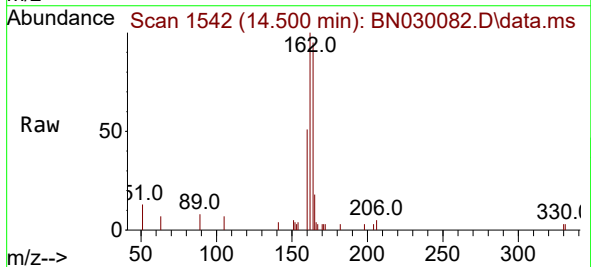
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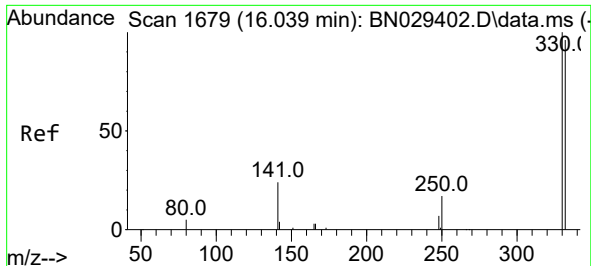
Tgt Ion:152 Resp: 3562
 Ion Ratio Lower Upper
 152 100
 151 19.8 17.1 25.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.500 min Scan# 1542
 Delta R.T. 0.011 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

Tgt Ion:164 Resp: 3432
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 54.0 41.5 62.3

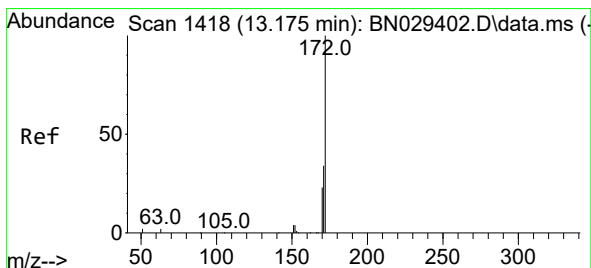
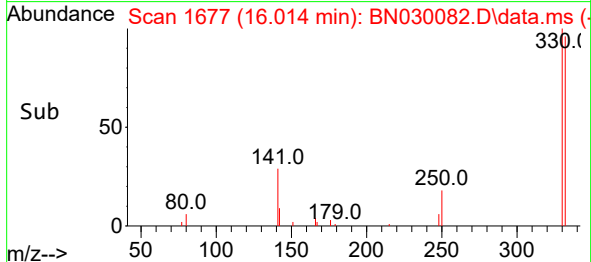
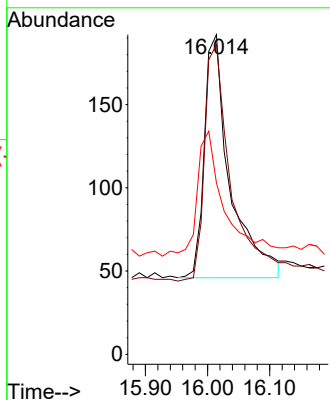
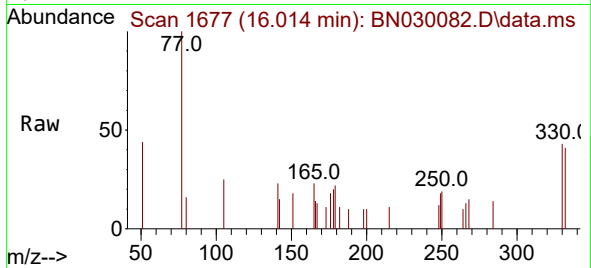




#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

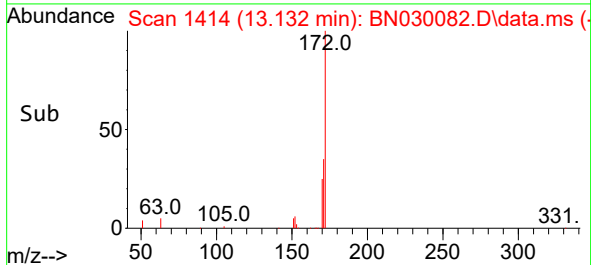
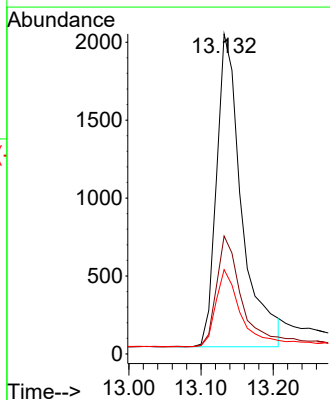
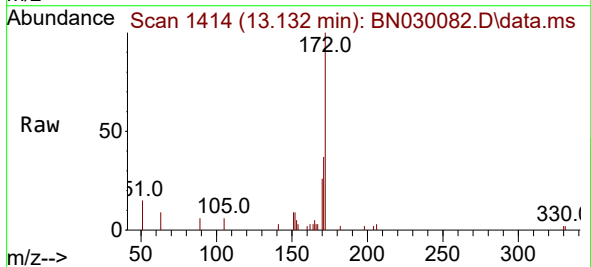
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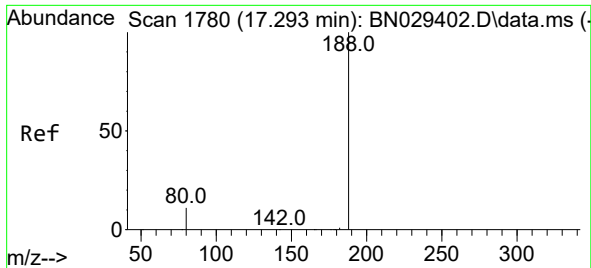
Tgt Ion:330 Resp: 422
Ion Ratio Lower Upper
330 100
332 101.9 76.0 114.0
141 48.8 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

Tgt Ion:172 Resp: 4869
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 26.4 18.7 28.1

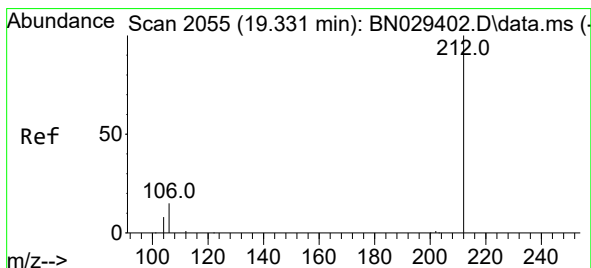
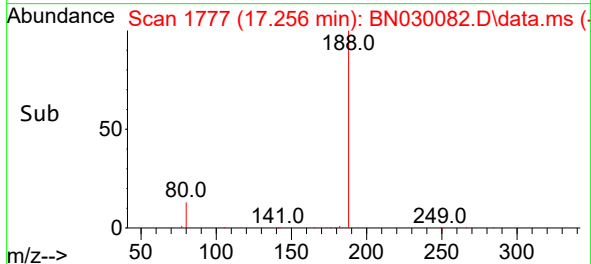
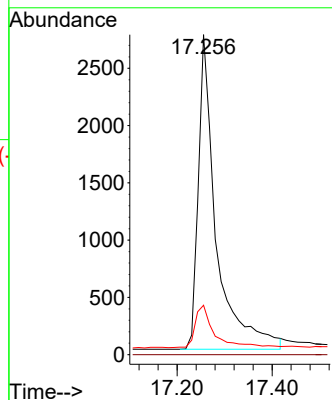
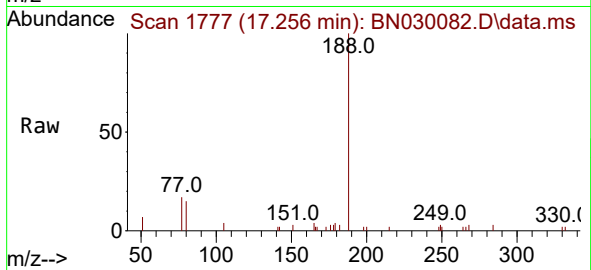




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

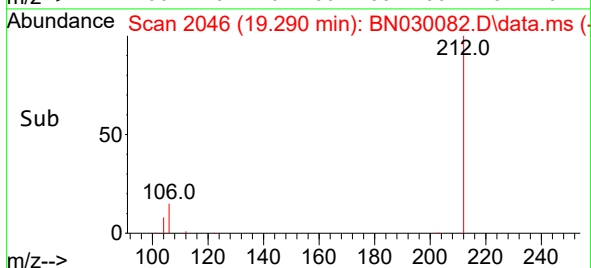
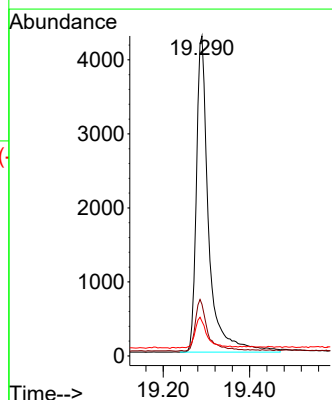
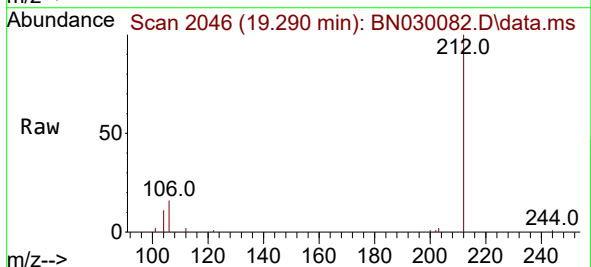
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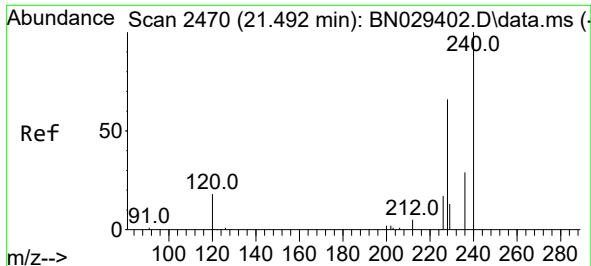
Tgt Ion:188 Resp: 7198
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.485 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

Tgt Ion:212 Resp: 8462
Ion Ratio Lower Upper
212 100
106 16.2 13.2 19.8
104 9.5 7.7 11.5

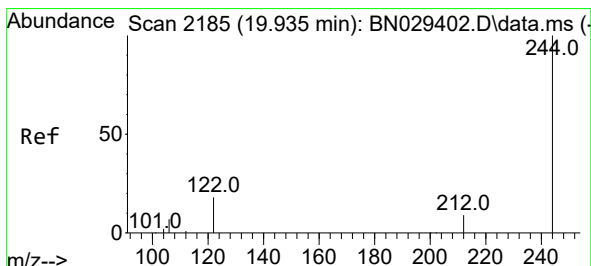
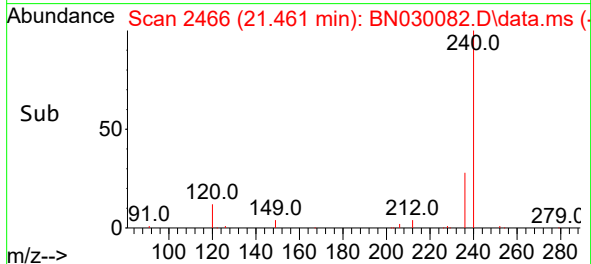
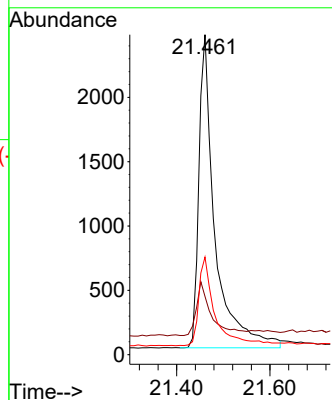
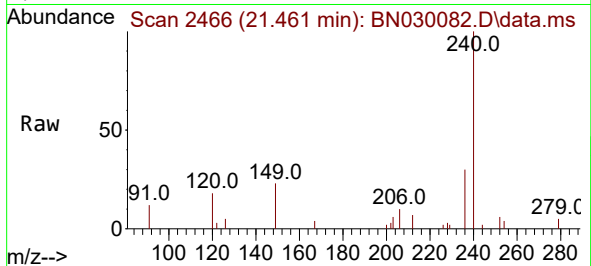




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.461 min Scan# 2466
Delta R.T. 0.005 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

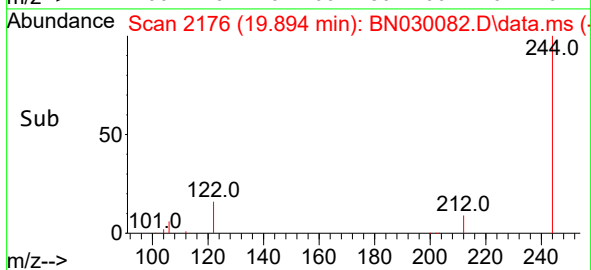
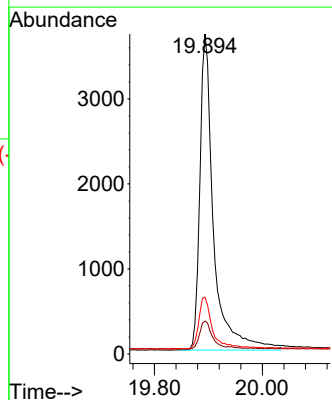
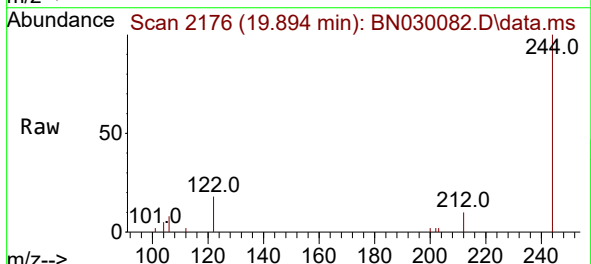
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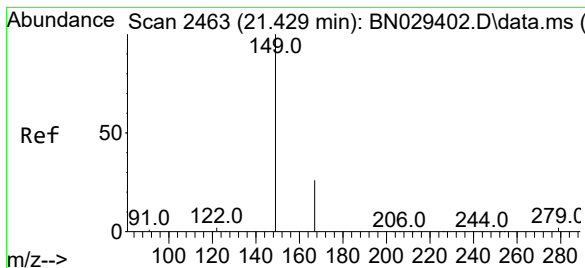
Tgt Ion:240 Resp: 5836
Ion Ratio Lower Upper
240 100
120 18.2 16.7 25.1
236 30.5 23.9 35.9



#31
Terphenyl-d14
Concen: 0.453 ng
RT: 19.894 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BN030082.D
Acq: 27 Feb 2024 06:51

Tgt Ion:244 Resp: 6566
Ion Ratio Lower Upper
244 100
212 10.3 8.2 12.4
122 17.7 15.6 23.4

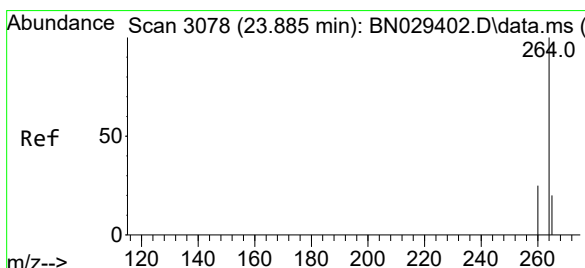
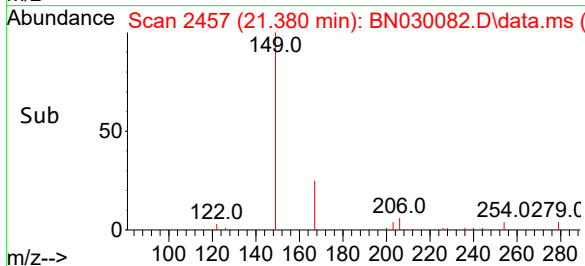
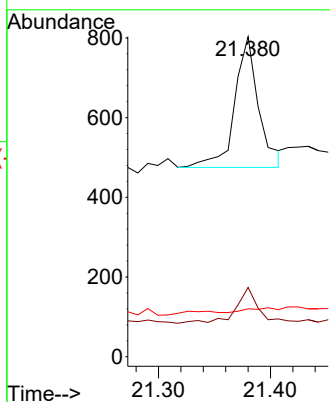
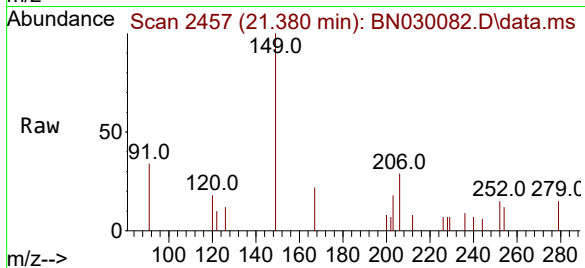




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.004 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20240221

Tgt Ion:149 Resp: 487
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.1 30.1
 279 0.0 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.825 min Scan# 3056
 Delta R.T. 0.005 min
 Lab File: BN030082.D
 Acq: 27 Feb 2024 06:51

Tgt Ion:264 Resp: 5661
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 90.3 41.5 62.3#

