

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030046.D
 Acq On : 26 Feb 2024 01:42
 Operator : MA/JU
 Sample : P1507-14DL 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214DL

Quant Time: Feb 26 02:55:11 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)

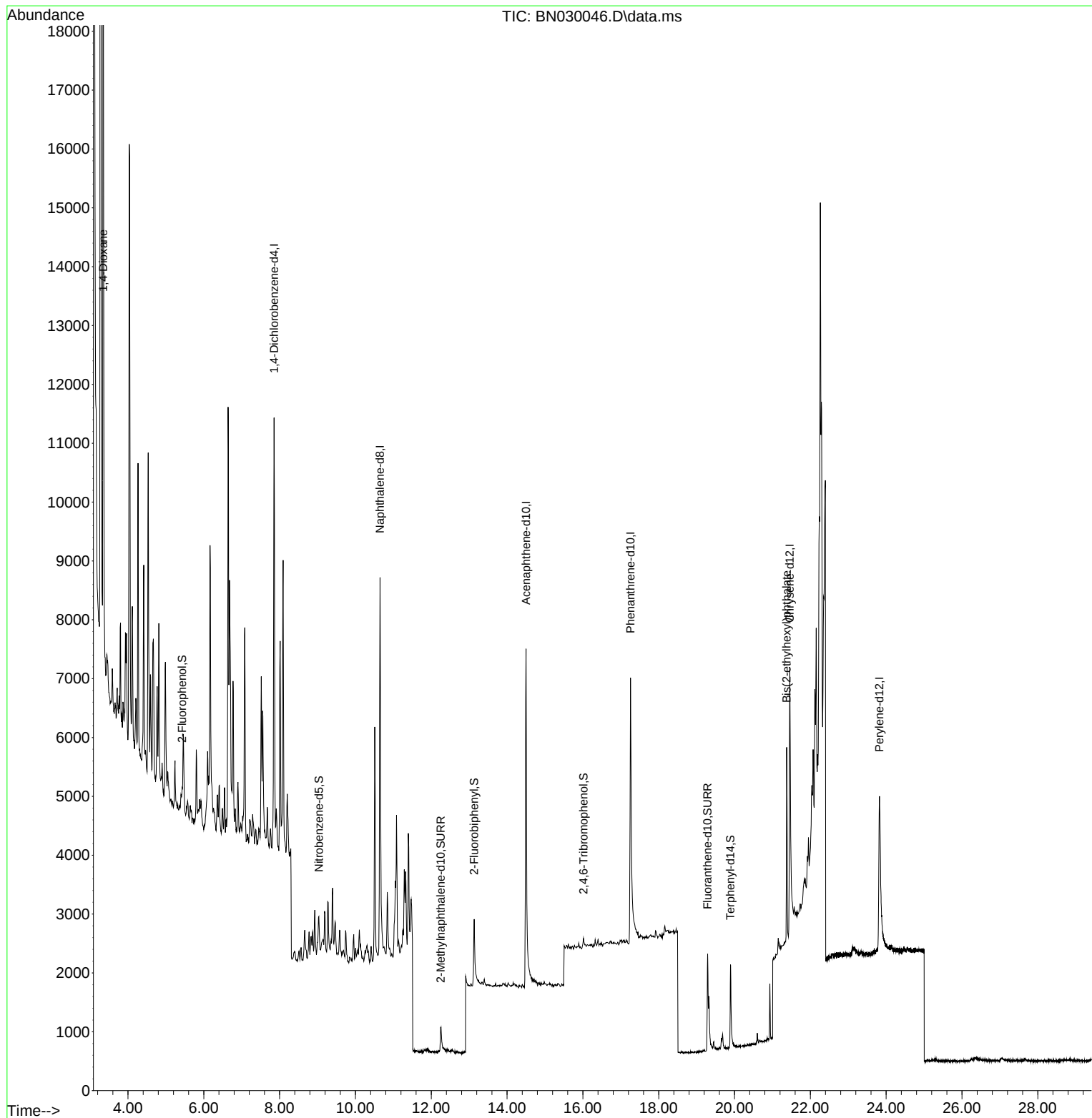
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3885	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10226	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	4851	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10165	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	7413	0.400	ng	0.00
35) Perylene-d12	23.823	264	6570	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	275	0.029	ng	0.00
5) Phenol-d6	7.031	99	194	0.018	ng	0.00
8) Nitrobenzene-d5	9.035	82	657	0.077	ng	0.02
11) 2-Methylnaphthalene-d10	12.249	152	985	0.071	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	118	0.076	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	1484	0.071	ng	0.01
27) Fluoranthene-d10	19.289	212	2566	0.104	ng	0.00
31) Terphenyl-d14	19.893	244	2042	0.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	9881	1.807	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.375	149	3159	0.183	ng	100

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

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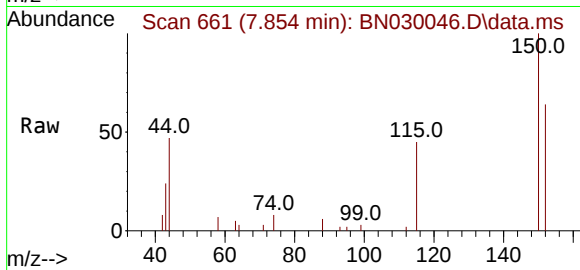
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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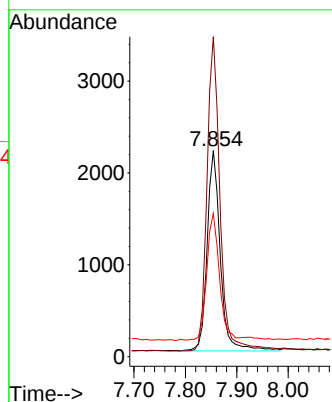
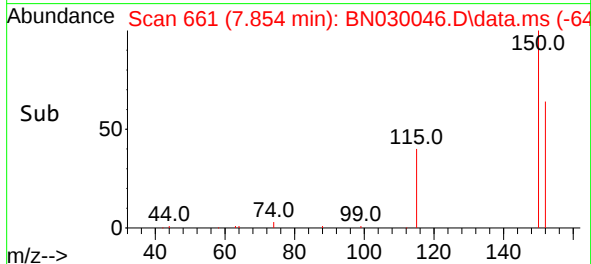


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Instrument :
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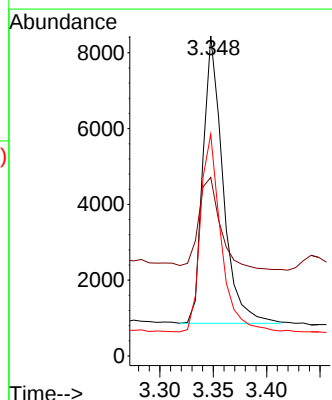
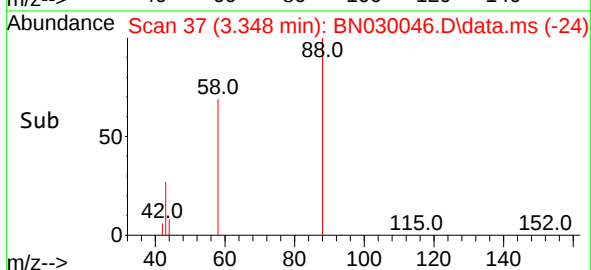
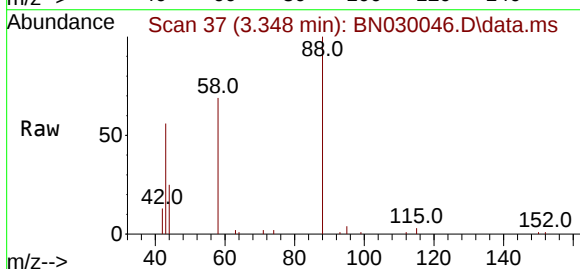


Tgt Ion:152 Resp: 3885
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 69.5 51.4 77.0



#2
 1,4-Dioxane
 Concen: 1.807 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Tgt Ion: 88 Resp: 9881
 Ion Ratio Lower Upper
 88 100
 43 35.1 23.3 34.9#
 58 70.5 53.8 80.6

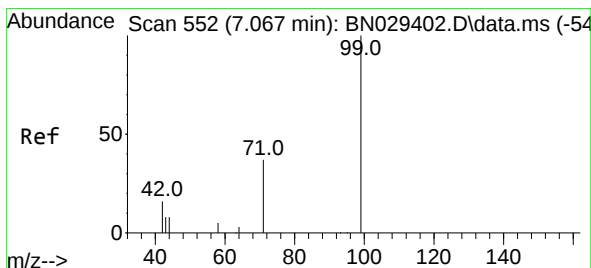
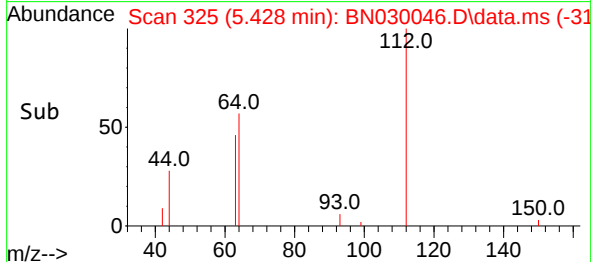
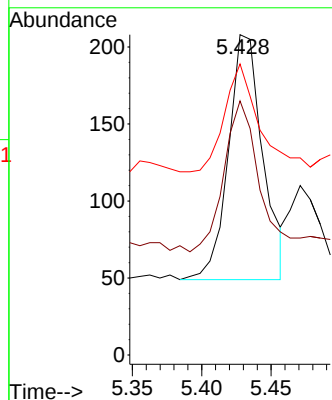
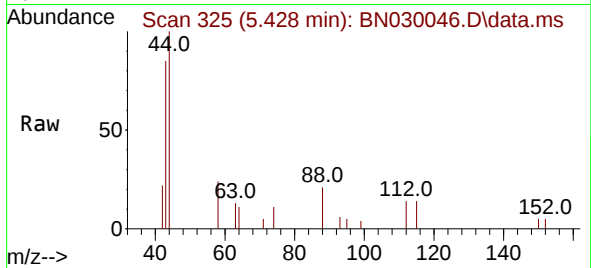




#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.428 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

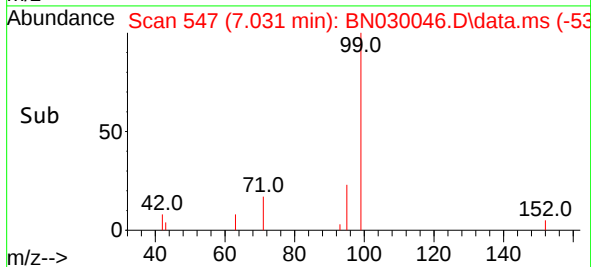
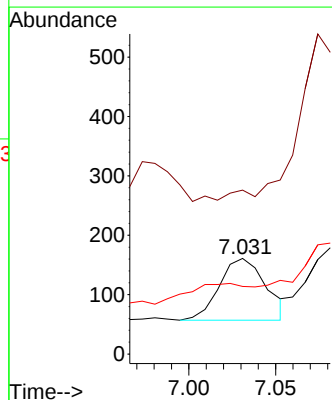
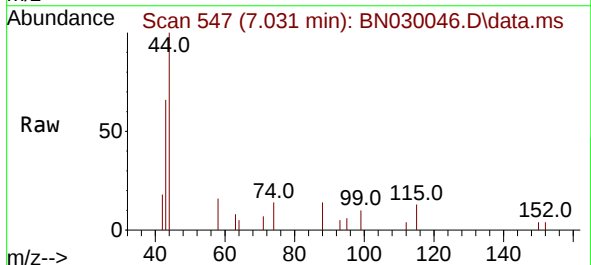
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

Tgt Ion:112 Resp: 275
Ion Ratio Lower Upper
112 100
64 62.9 47.2 70.8
63 45.1 25.8 38.6#



#5
Phenol-d6
Concen: 0.018 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion: 99 Resp: 194
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 50.5 30.0 45.0#

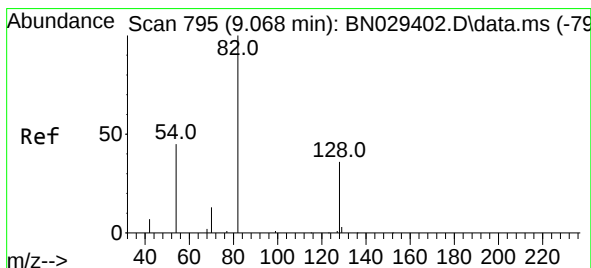
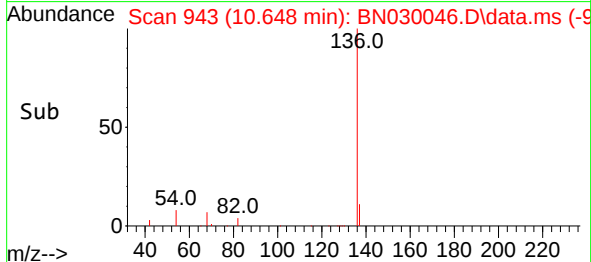
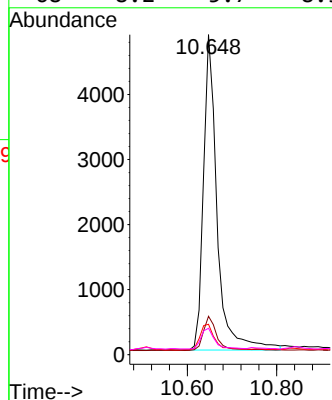
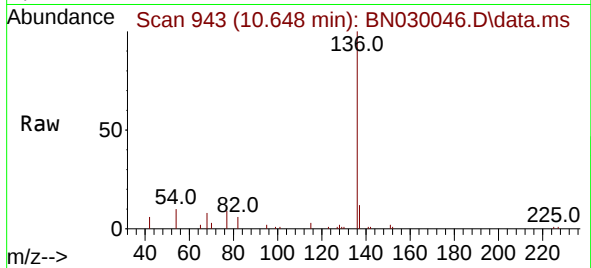




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

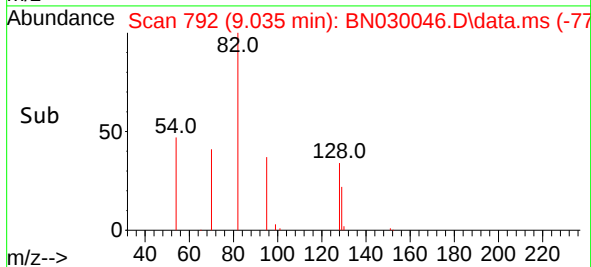
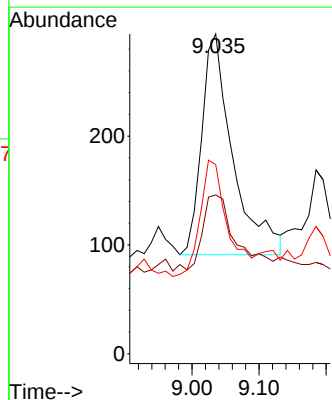
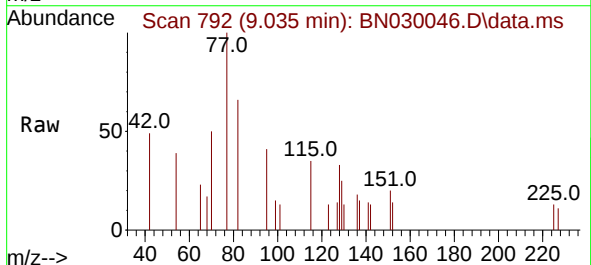
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ClientSampleId :
RE131D1-20240214DL

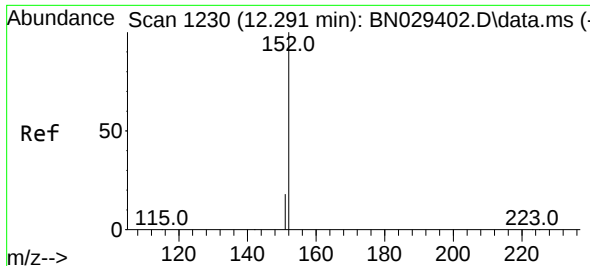
Tgt Ion:	136	Resp:	10226
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.7	14.5
54	9.5	6.6	10.0
68	8.2	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.077 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:	82	Resp:	657
Ion Ratio	Lower	Upper	
82	100		
128	49.7	31.6	47.4#
54	59.2	38.2	57.4#

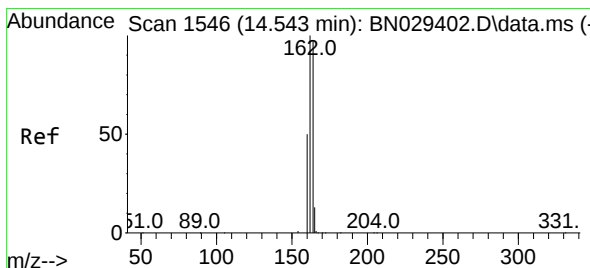
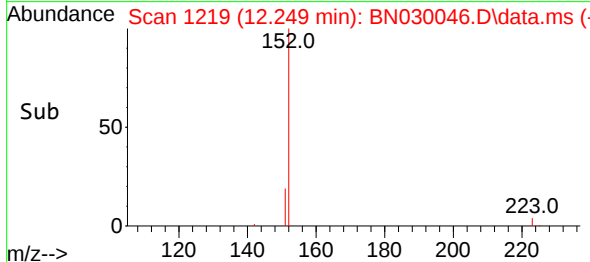
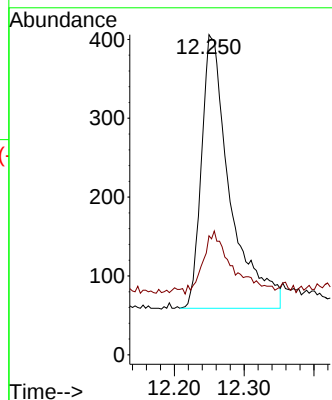
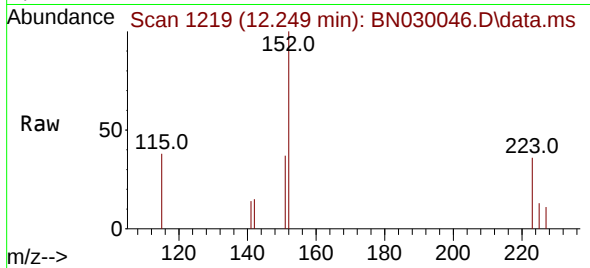




#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 12.249 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

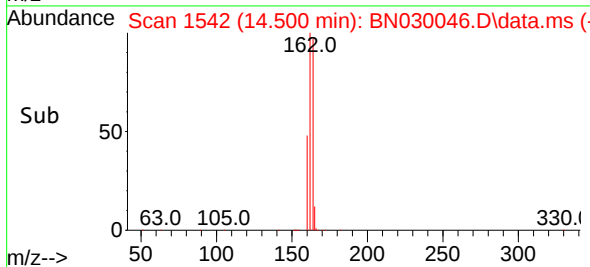
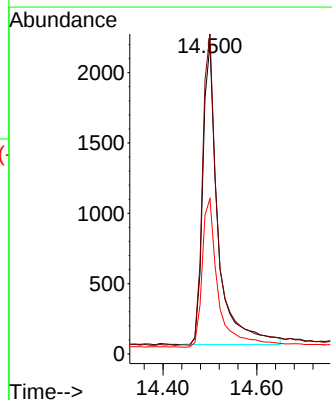
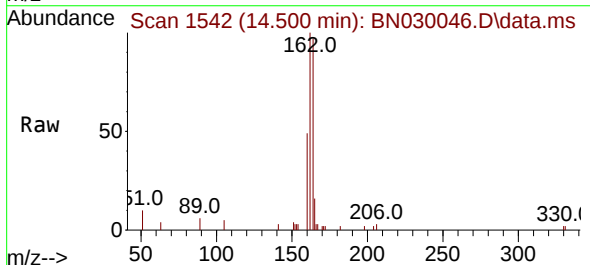
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

Tgt Ion:152 Resp: 985
Ion Ratio Lower Upper
152 100
151 24.0 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: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:164 Resp: 4851
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 50.0 41.5 62.3

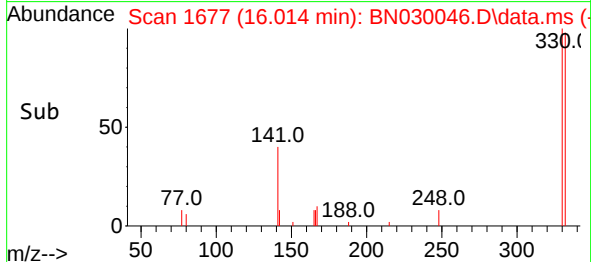
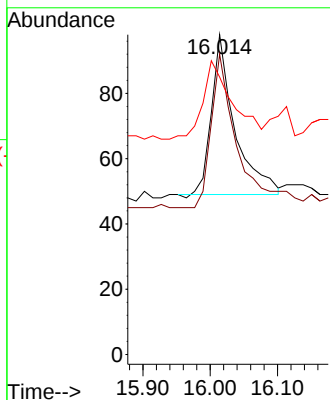
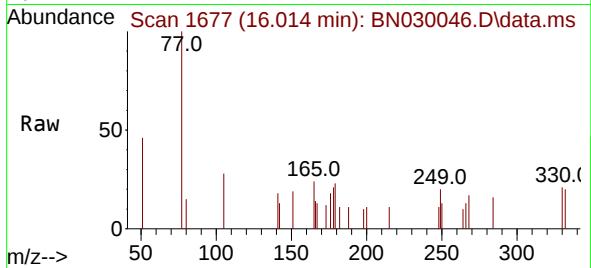




#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

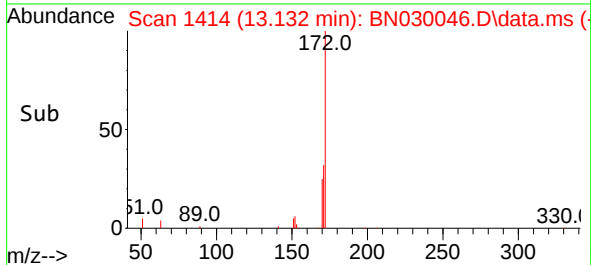
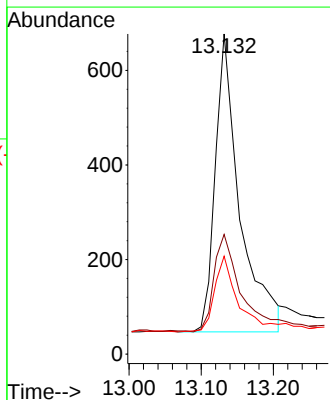
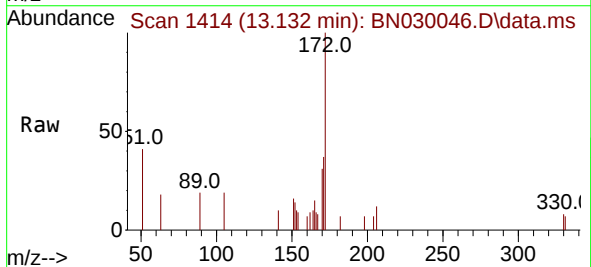
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ClientSampleId :
RE131D1-20240214DL

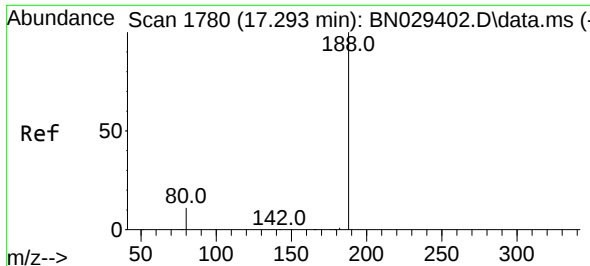
Tgt Ion:330 Resp: 118
Ion Ratio Lower Upper
330 100
332 103.4 76.0 114.0
141 62.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.071 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:172 Resp: 1484
Ion Ratio Lower Upper
172 100
171 37.4 28.0 42.0
170 30.6 18.7 28.1#

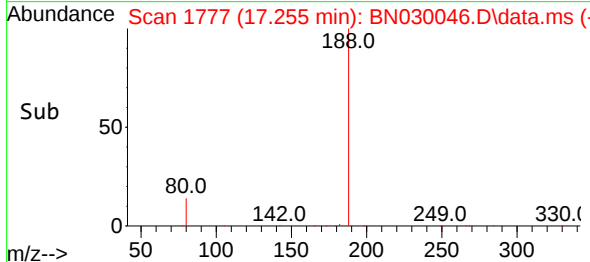
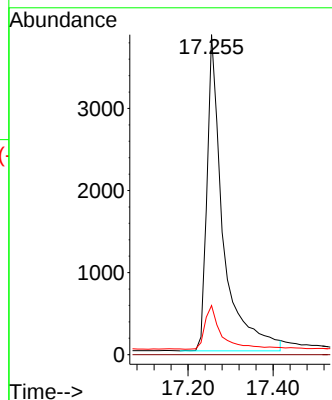
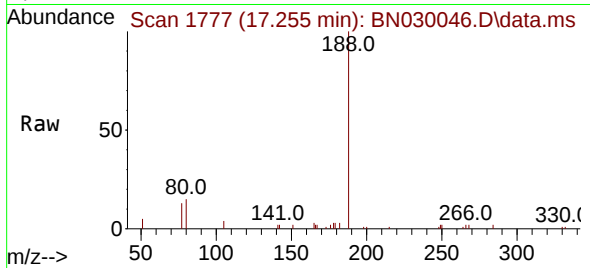




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

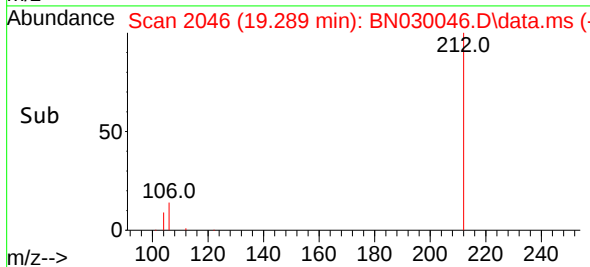
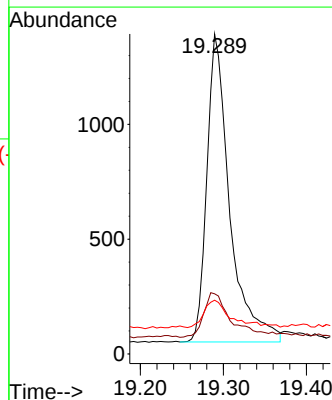
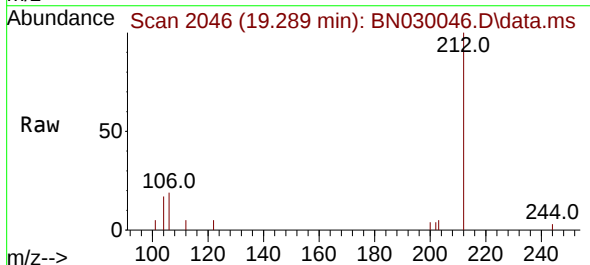
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BNA_N
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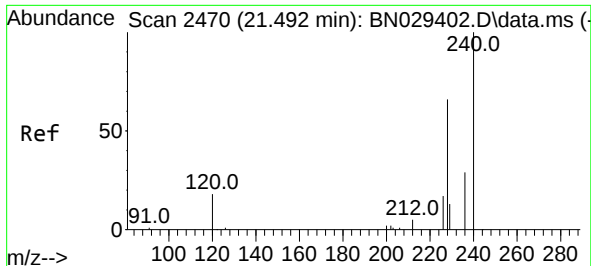
Tgt Ion:188 Resp: 10165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.104 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:212 Resp: 2566
Ion Ratio Lower Upper
212 100
106 18.6 13.2 19.8
104 10.8 7.7 11.5

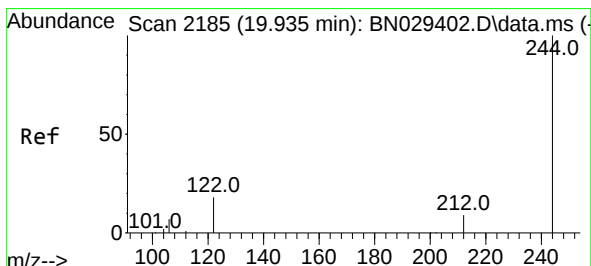
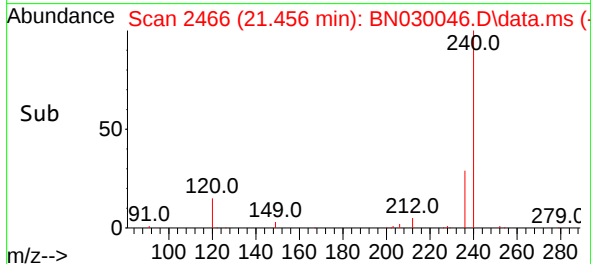
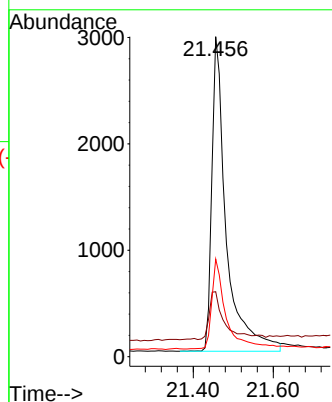
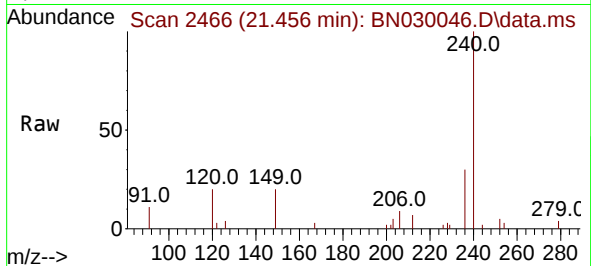




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

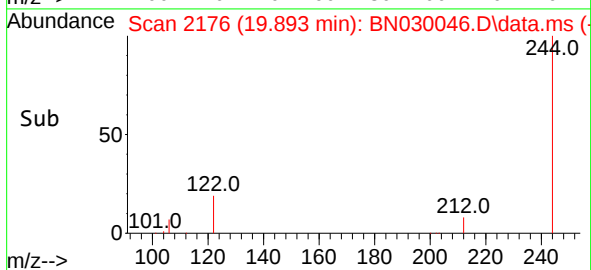
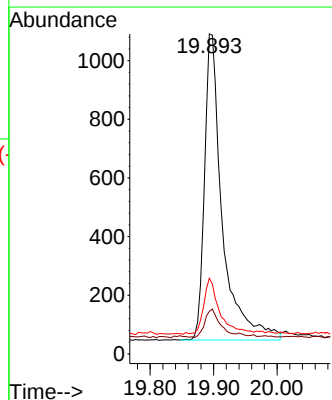
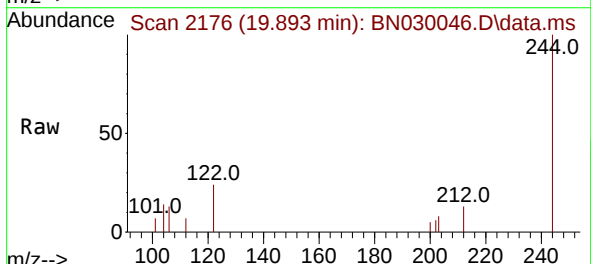
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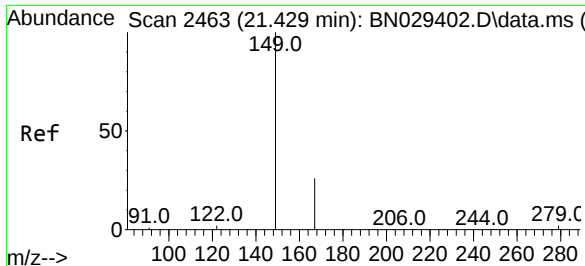
Tgt Ion:240 Resp: 7413
Ion Ratio Lower Upper
240 100
120 20.3 16.7 25.1
236 30.5 23.9 35.9



#31
Terphenyl-d14
Concen: 0.111 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:244 Resp: 2042
Ion Ratio Lower Upper
244 100
212 13.3 8.2 12.4#
122 23.6 15.6 23.4#

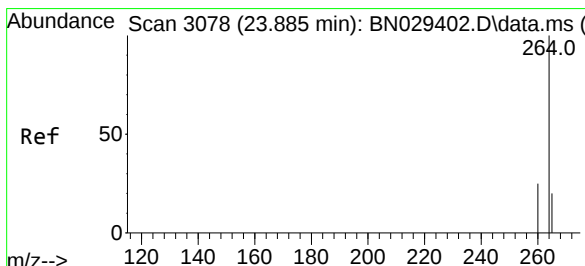
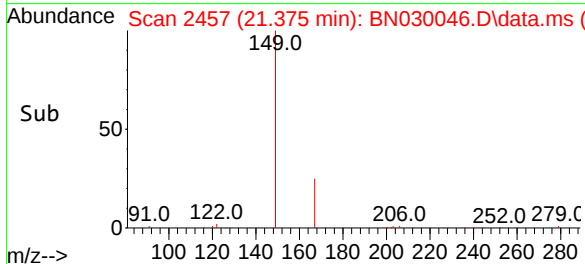
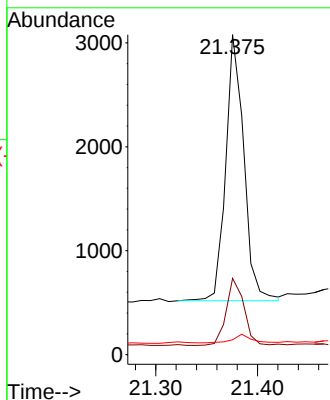
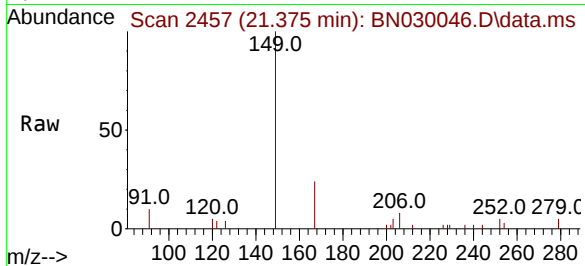




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 21.375 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214DL

Tgt Ion:149 Resp: 3159
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.1 30.1
 279 3.4 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Tgt Ion:264 Resp: 6570
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 87.2 41.5 62.3#

