

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030034.D
 Acq On : 25 Feb 2024 18:31
 Operator : MA/JU
 Sample : P1533-10
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20240217

Quant Time: Feb 26 02:52:22 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)

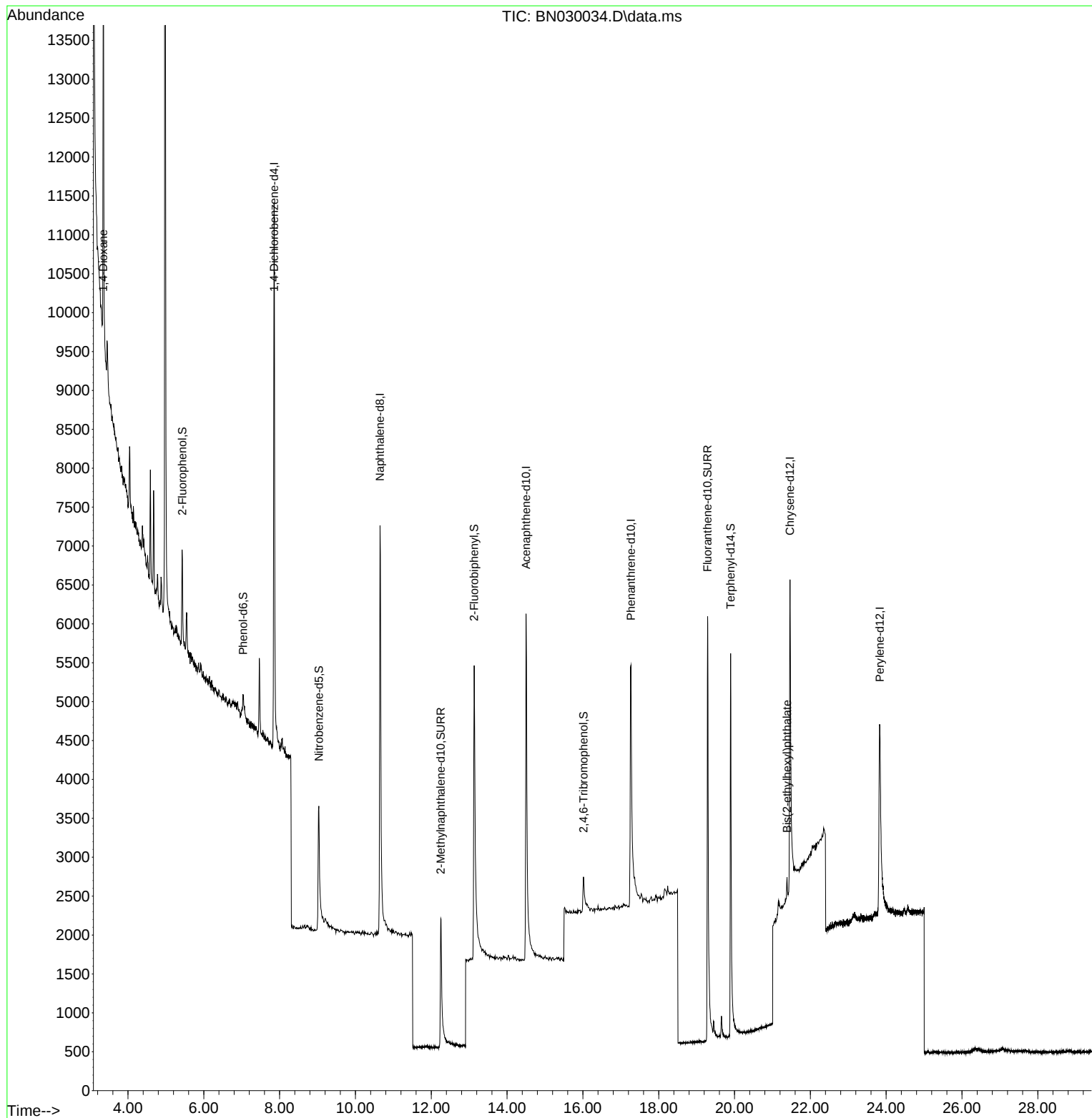
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3882	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9692	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4344	0.400	ng	0.01
19) Phenanthrene-d10	17.268	188	9113	0.400	ng	0.01
29) Chrysene-d12	21.465	240	6946	0.400	ng	0.00
35) Perylene-d12	23.832	264	6395	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1014	0.109	ng	0.00
5) Phenol-d6	7.038	99	499	0.046	ng	0.01
8) Nitrobenzene-d5	9.035	82	2521	0.312	ng	0.02
11) 2-Methylnaphthalene-d10	12.253	152	4098	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	438	0.314	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	5779	0.310	ng	0.01
27) Fluoranthene-d10	19.289	212	9321	0.422	ng	0.00
31) Terphenyl-d14	19.898	244	7372	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	3038	0.556	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.384	149	518	0.032	ng	# 81

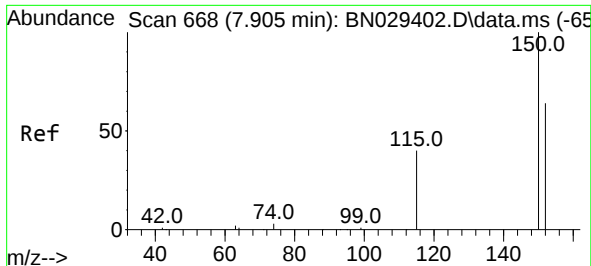
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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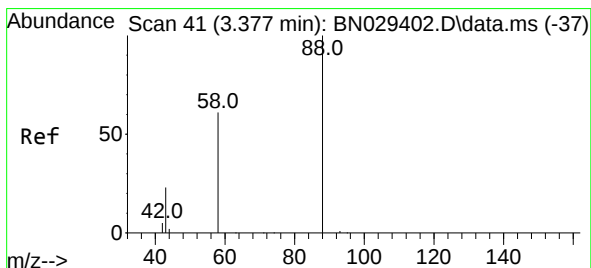
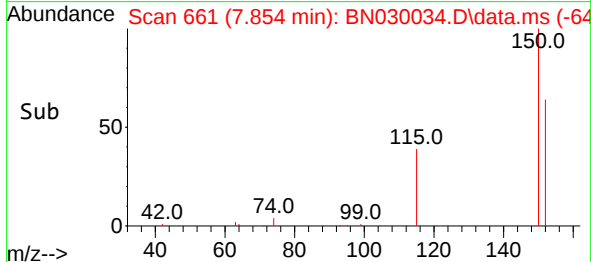
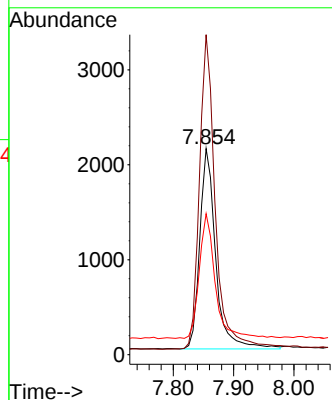
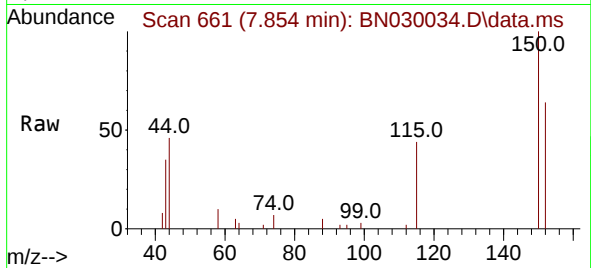




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 668
Delta R.T. 0.000 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

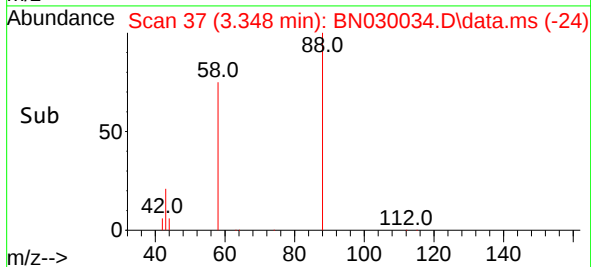
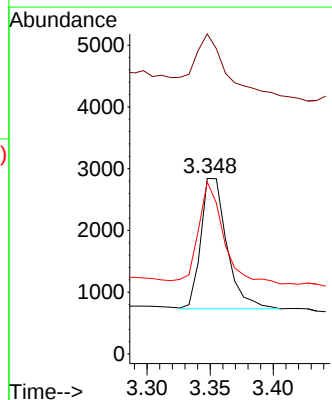
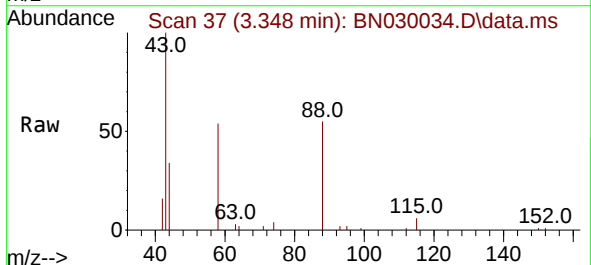
Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

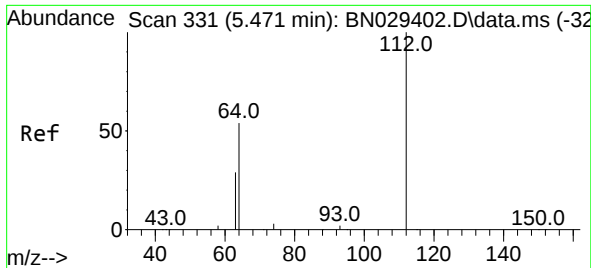
Tgt Ion:152 Resp: 3882
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.4
115 68.4 51.4 77.0



#2
1,4-Dioxane
Concen: 0.556 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion: 88 Resp: 3038
Ion Ratio Lower Upper
88 100
43 61.9 23.3 34.9#
58 74.7 53.8 80.6

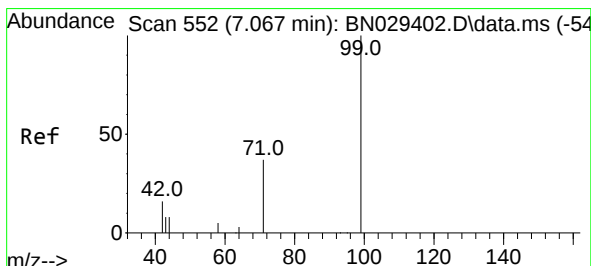
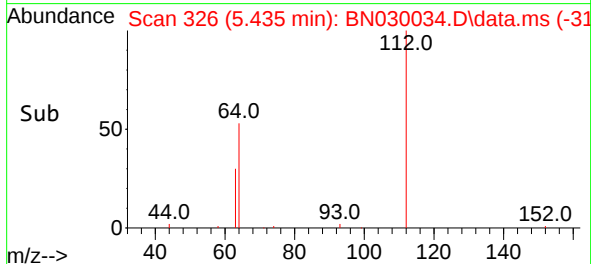
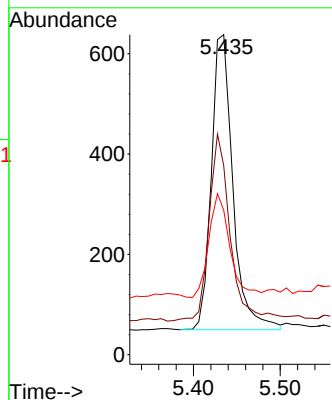
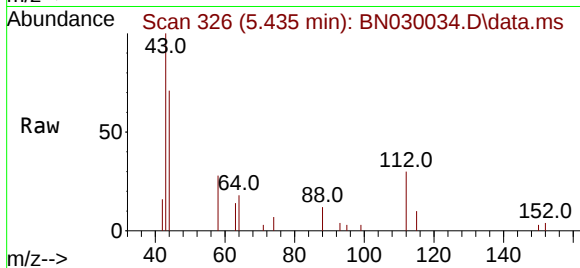




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

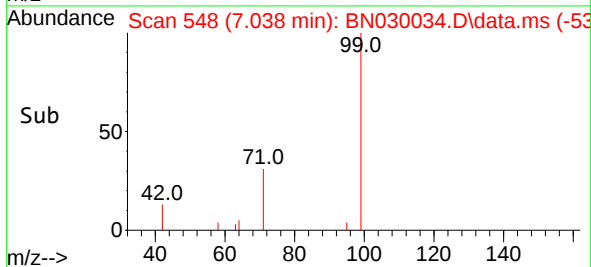
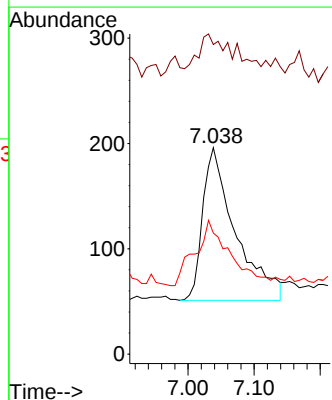
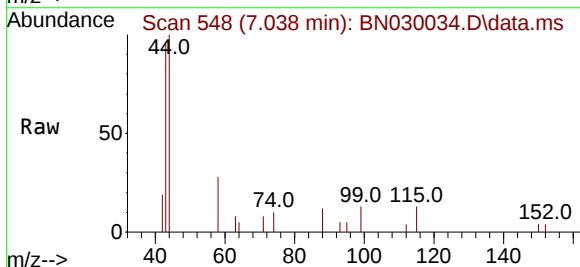
Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

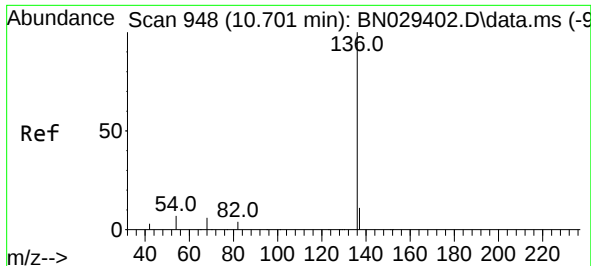
Tgt Ion:112 Resp: 1014
Ion Ratio Lower Upper
112 100
64 64.4 47.2 70.8
63 34.6 25.8 38.6



#5
Phenol-d6
Concen: 0.046 ng
RT: 7.038 min Scan# 548
Delta R.T. 0.014 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion: 99 Resp: 499
Ion Ratio Lower Upper
99 100
42 24.2 16.9 25.3
71 45.5 30.0 45.0#

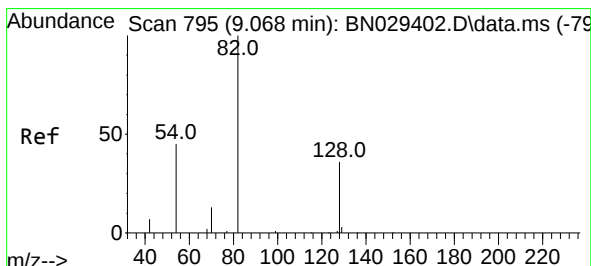
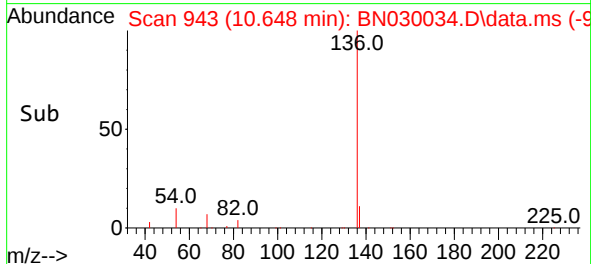
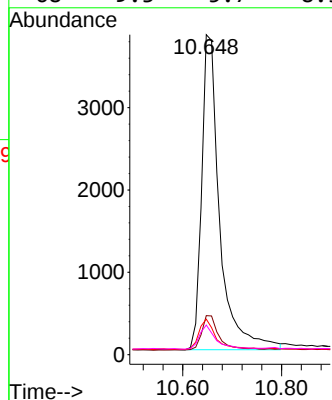
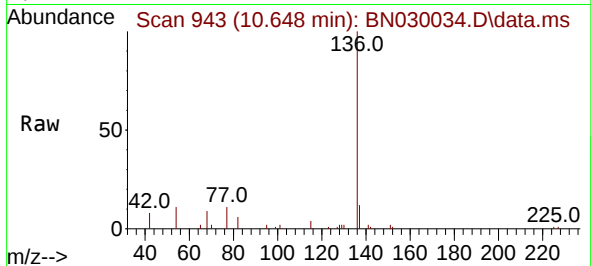




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

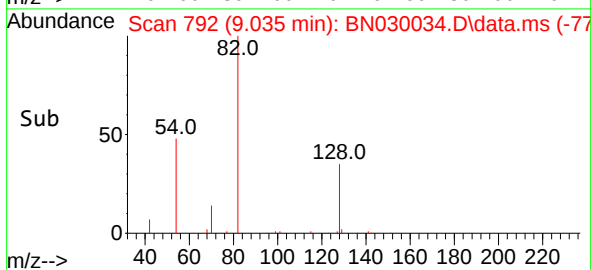
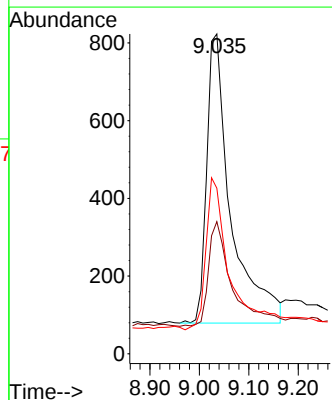
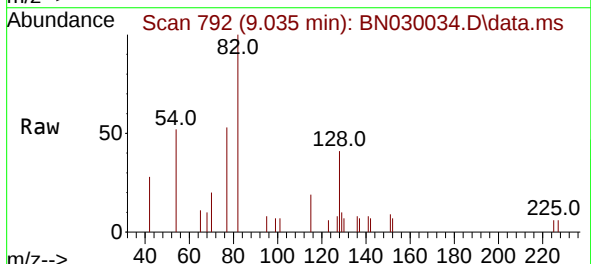
Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

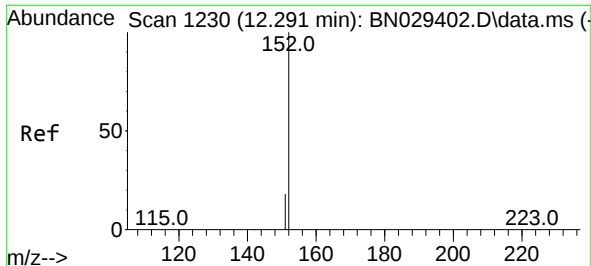
Tgt Ion:	136	Resp:	9692
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.7	14.5
54	11.1	6.6	10.0#
68	9.3	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 9.035 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:	82	Resp:	2521
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.6	47.4
54	51.8	38.2	57.4

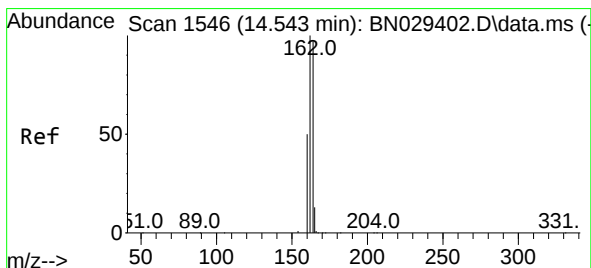
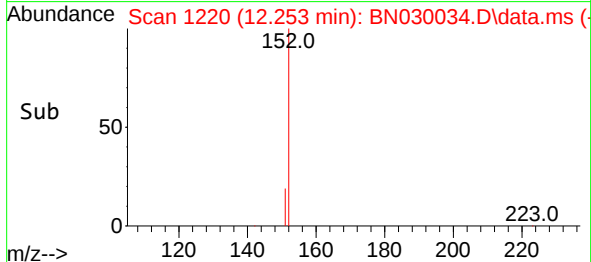
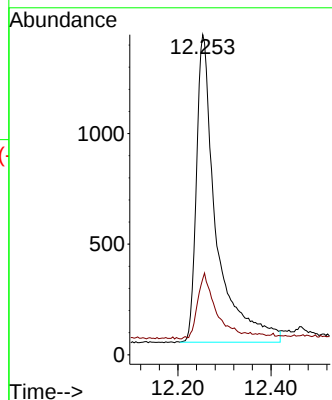
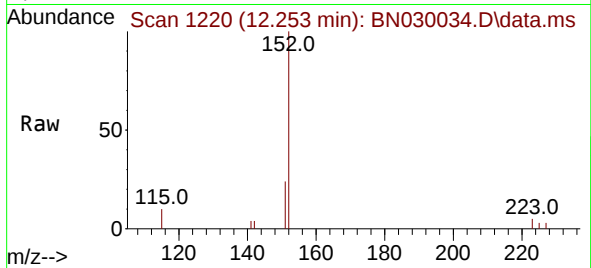




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

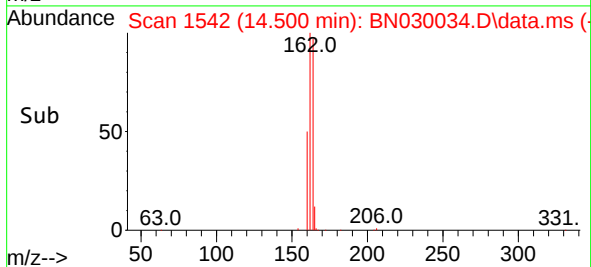
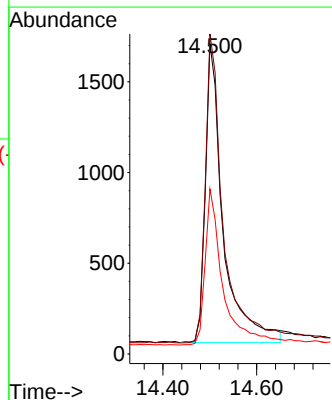
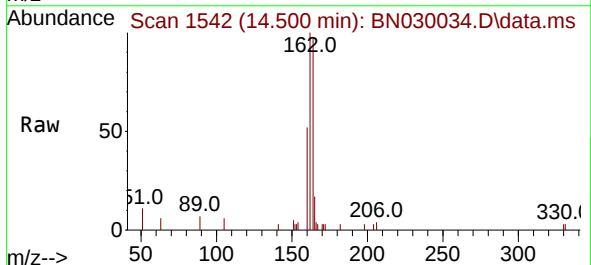
Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

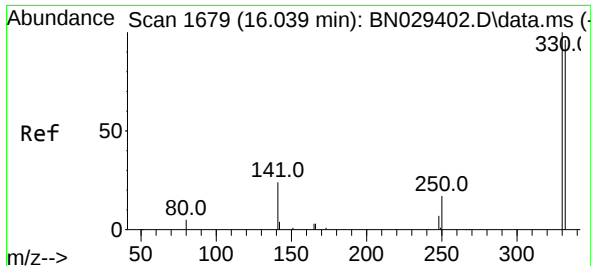
Tgt Ion:152 Resp: 4098
Ion Ratio Lower Upper
152 100
151 19.7 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:164 Resp: 4344
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 53.1 41.5 62.3

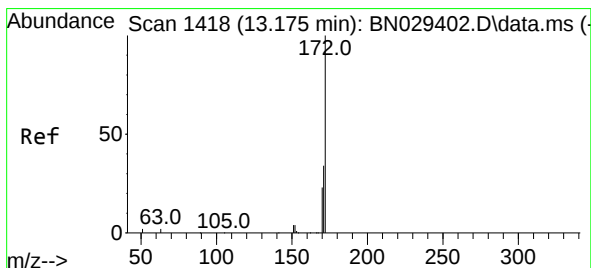
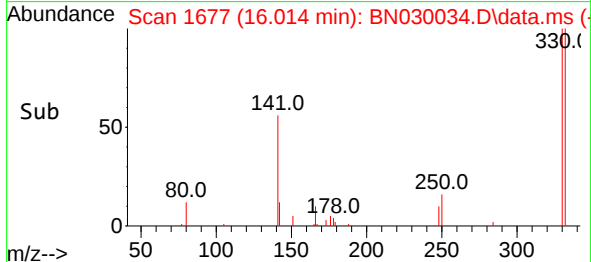
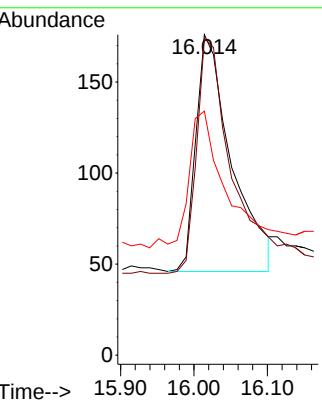
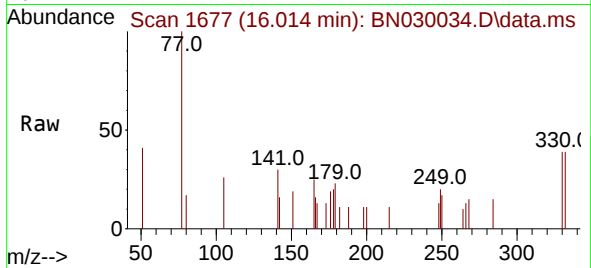




#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

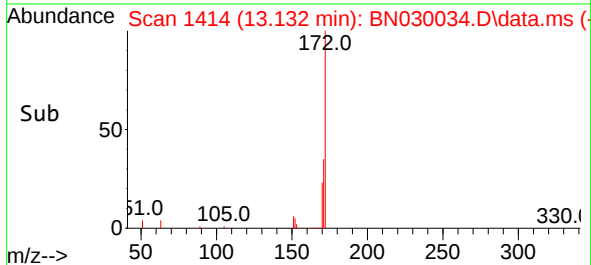
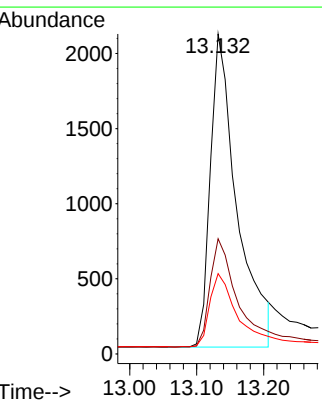
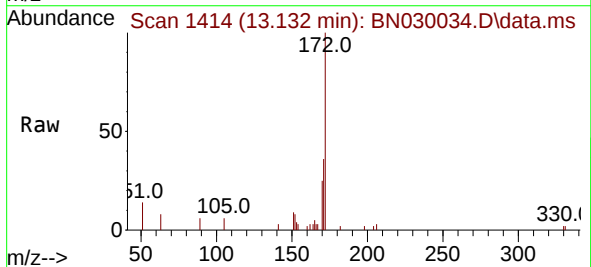
Instrument :
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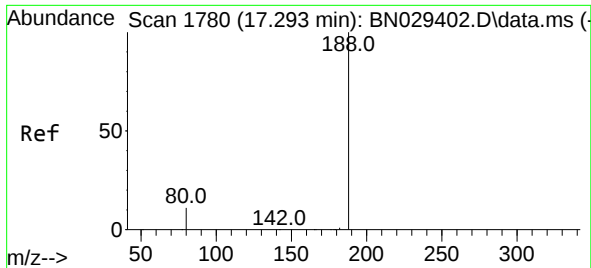
Tgt Ion:330 Resp: 438
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 60.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:172 Resp: 5779
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.1 18.7 28.1

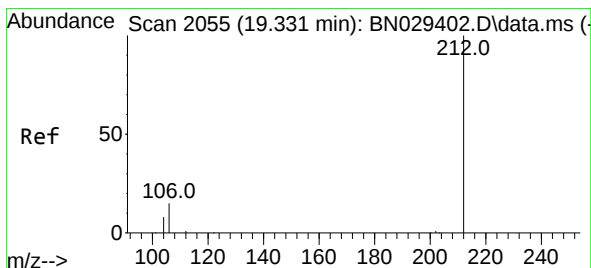
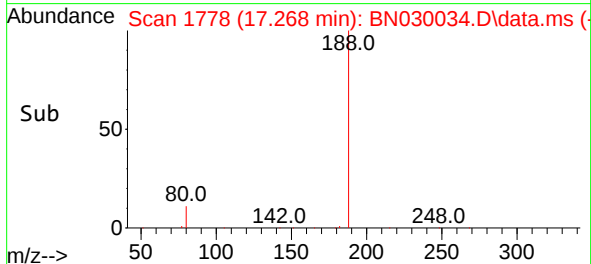
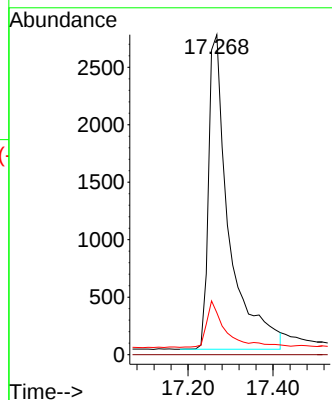
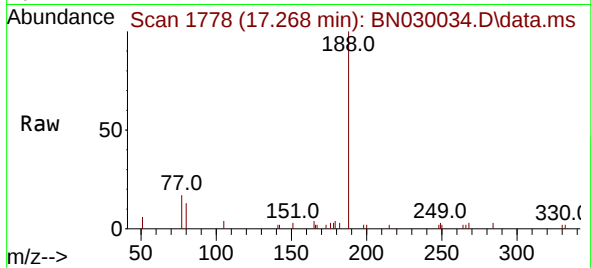




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.268 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

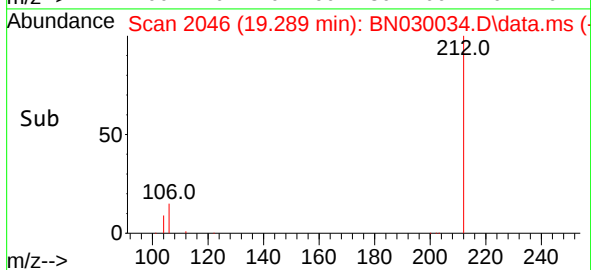
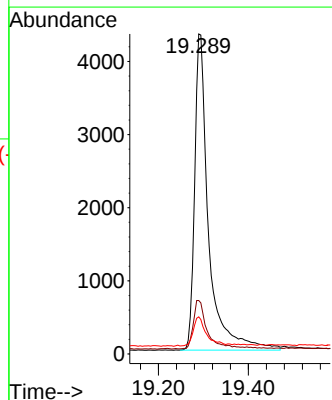
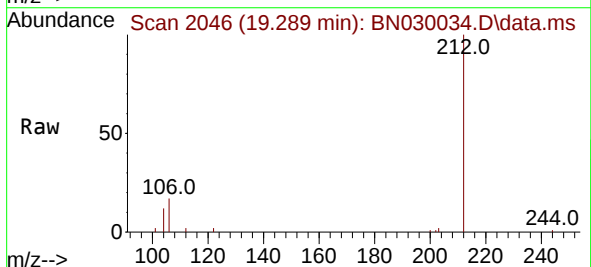
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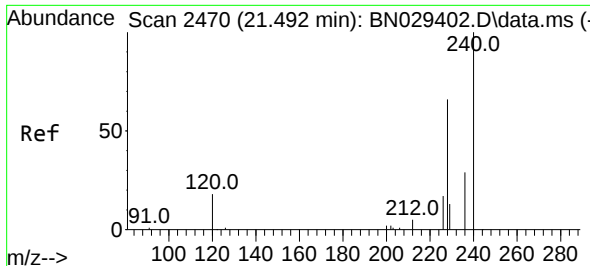
Tgt Ion:188 Resp: 9113
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.289 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:212 Resp: 9321
Ion Ratio Lower Upper
212 100
106 15.0 13.2 19.8
104 8.6 7.7 11.5

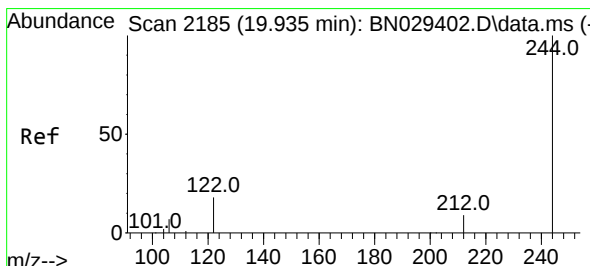
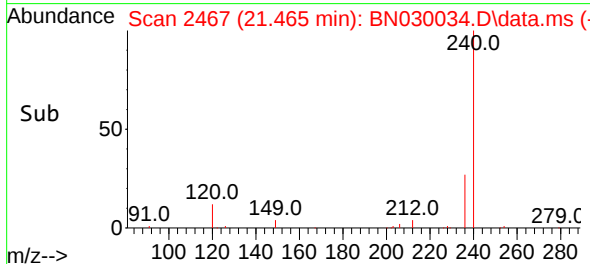
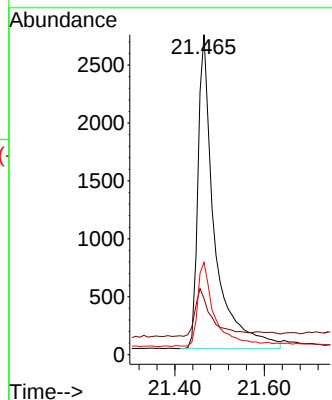
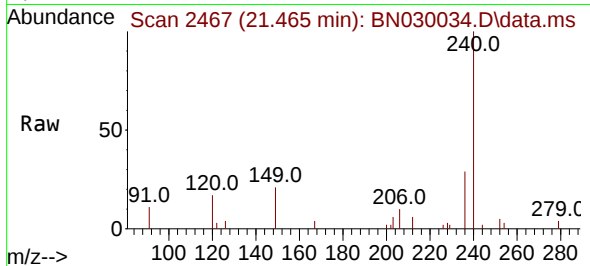




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

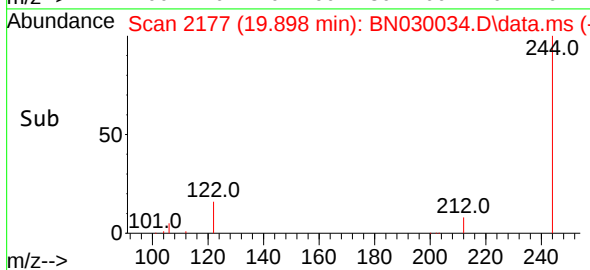
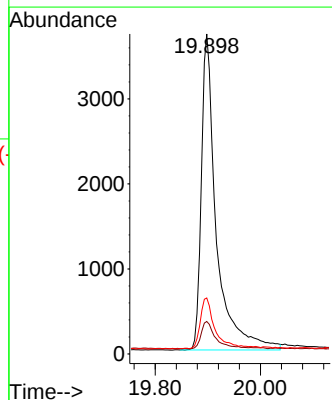
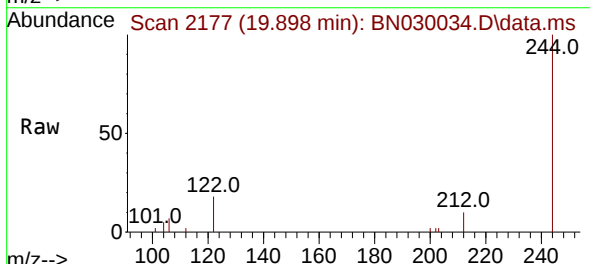
Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

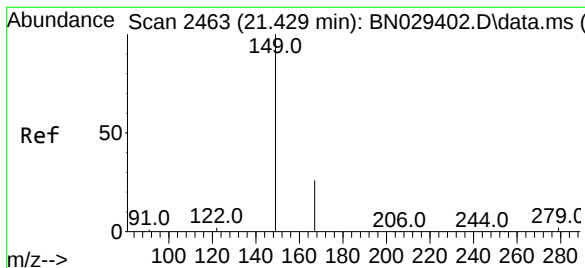
Tgt Ion:240 Resp: 6946
Ion Ratio Lower Upper
240 100
120 17.5 16.7 25.1
236 28.8 23.9 35.9



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.898 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:244 Resp: 7372
Ion Ratio Lower Upper
244 100
212 10.1 8.2 12.4
122 17.5 15.6 23.4

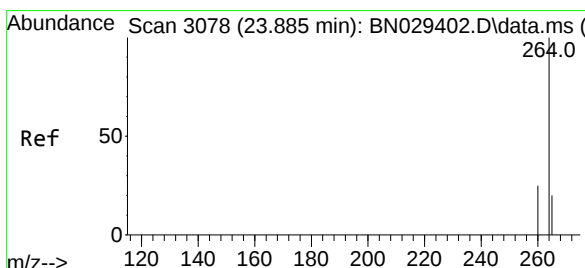
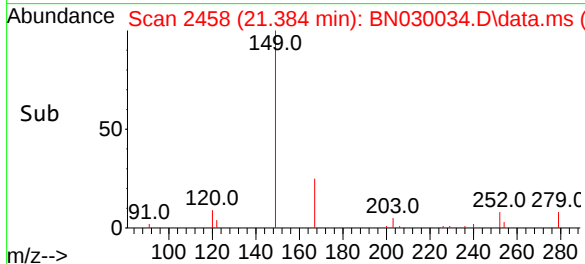
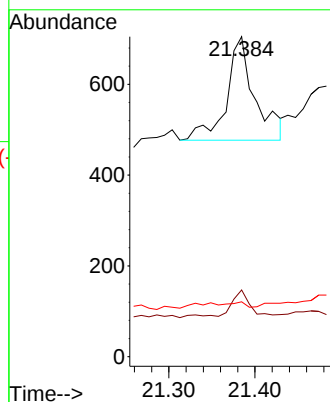
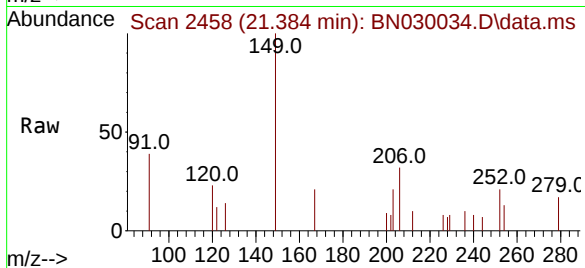




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.384 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Instrument :
BNA_N
ClientSampleId :
DUP06-20240217

Tgt Ion:149 Resp: 518
Ion Ratio Lower Upper
149 100
167 15.1 20.1 30.1#
279 0.0 2.5 3.7#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.832 min Scan# 3060
Delta R.T. 0.012 min
Lab File: BN030034.D
Acq: 25 Feb 2024 18:31

Tgt Ion:264 Resp: 6395
Ion Ratio Lower Upper
264 100
260 27.5 21.2 31.8
265 89.1 41.5 62.3#

