

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035720.D
 Acq On : 20 Dec 2024 00:46
 Operator : RC/JU
 Sample : P5261-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20241209

Quant Time: Dec 20 01:46:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

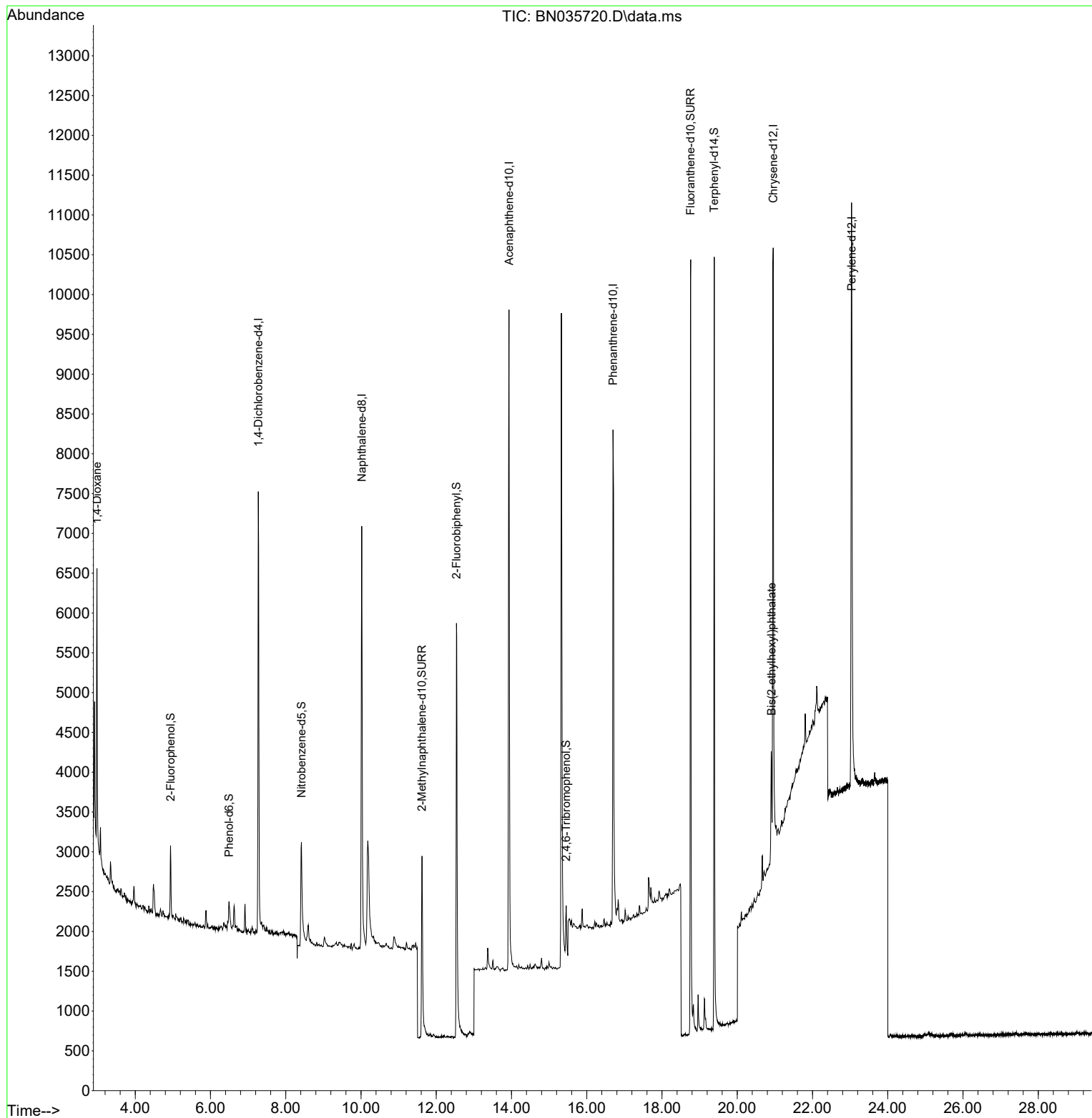
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2993	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8239	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5412	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	10731	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	9459	0.400	ng	0.00
35) Perylene-d12	23.038	264	10379	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	799	0.107	ng	0.00
5) Phenol-d6	6.492	99	479	0.053	ng	0.00
8) Nitrobenzene-d5	8.418	82	2064	0.410	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4230	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	733	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6104	0.298	ng	0.00
27) Fluoranthene-d10	18.761	212	12378	0.407	ng	0.00
31) Terphenyl-d14	19.389	244	10441	0.560	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	2349	0.821	ng	96
34) Bis(2-ethylhexyl)phtha...	20.911	149	1039	0.080	ng	# 98

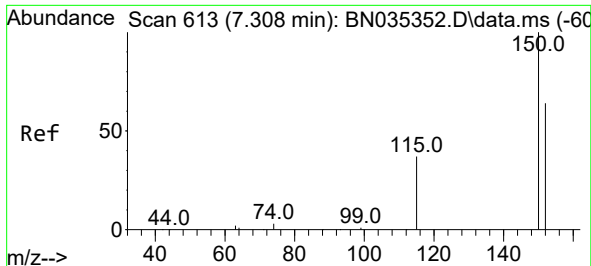
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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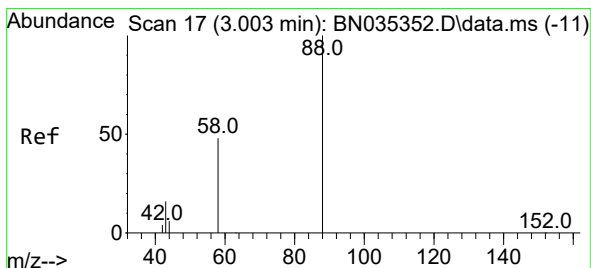
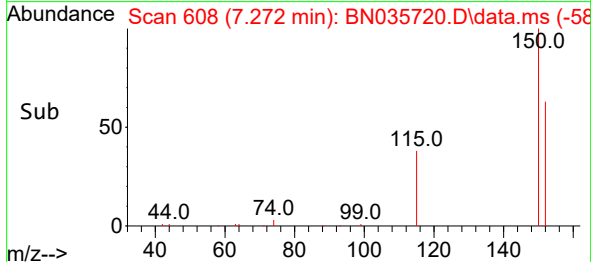
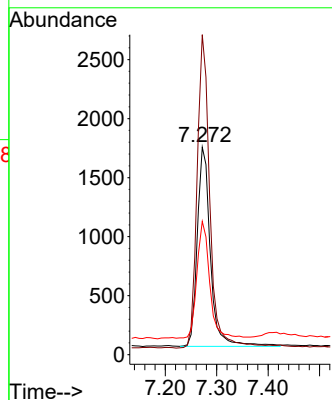
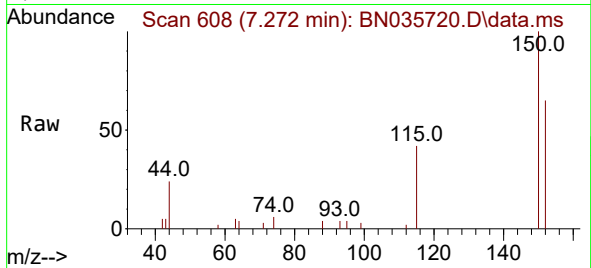




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

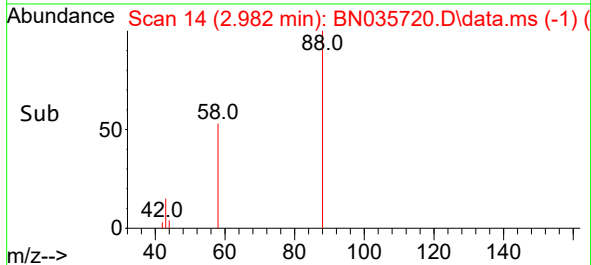
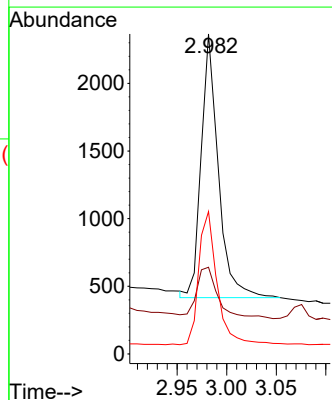
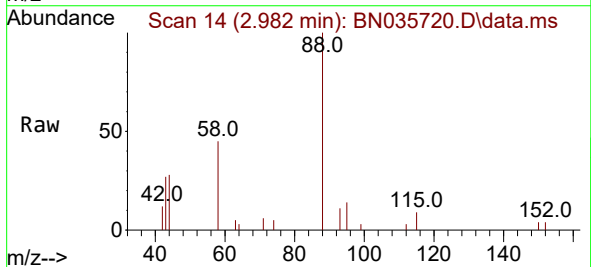
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20241209

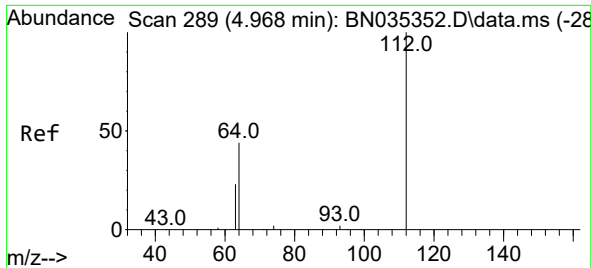
Tgt Ion:152 Resp: 2993
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.0 186.0
 115 64.3 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.821 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

Tgt Ion: 88 Resp: 2349
 Ion Ratio Lower Upper
 88 100
 43 24.7 17.2 25.8
 58 53.9 44.5 66.7

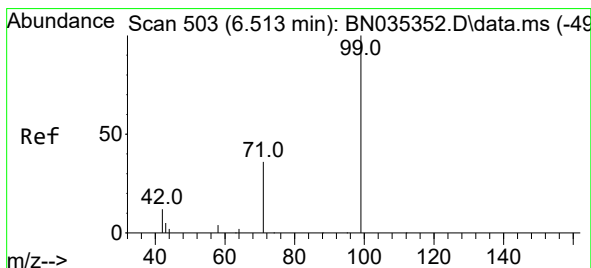
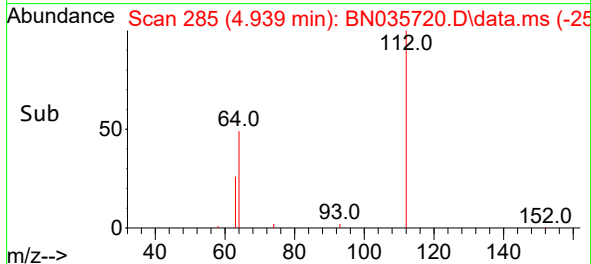
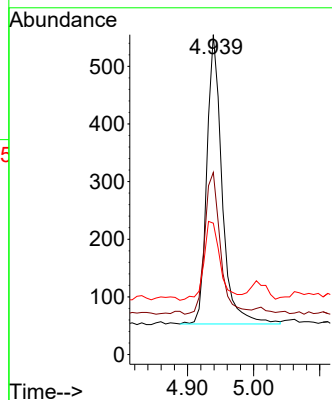
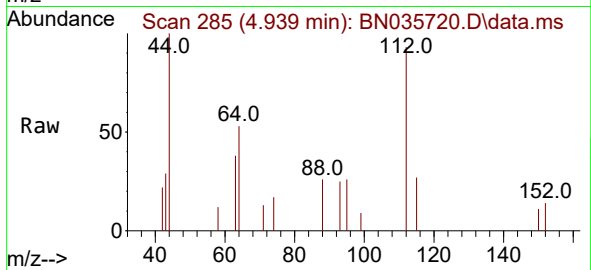




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

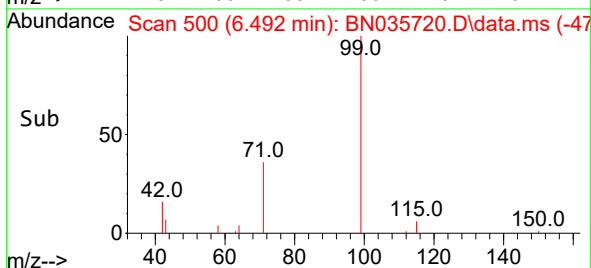
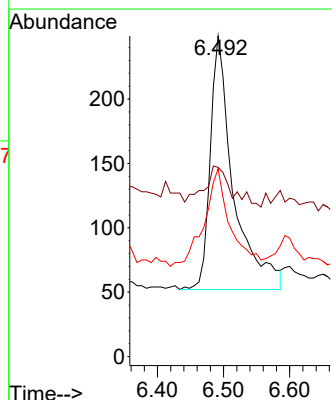
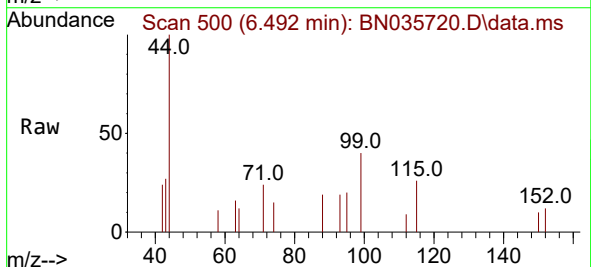
Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209

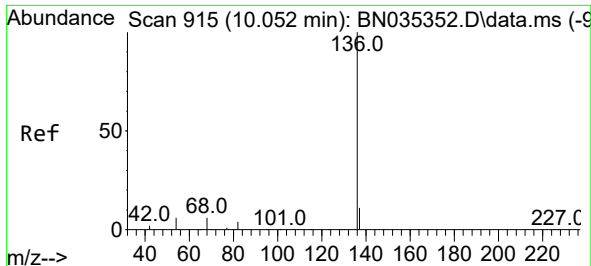
Tgt Ion:112 Resp: 799
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.8
63 29.2 21.0 31.6



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion: 99 Resp: 479
Ion Ratio Lower Upper
99 100
42 21.5 11.4 17.2#
71 42.8 29.3 43.9

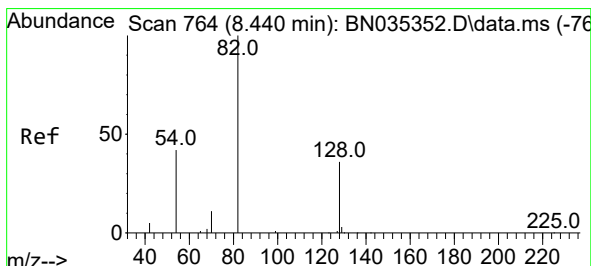
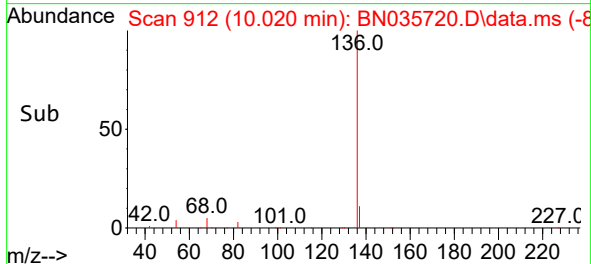
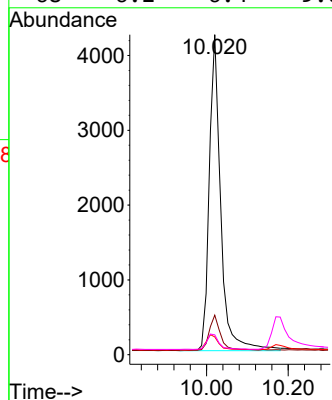
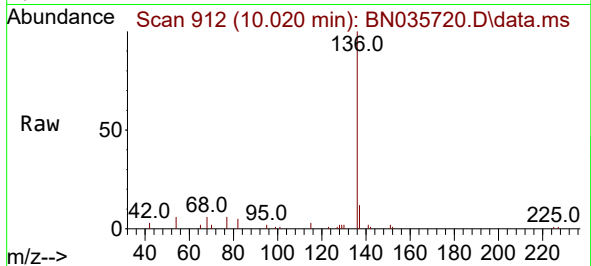




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

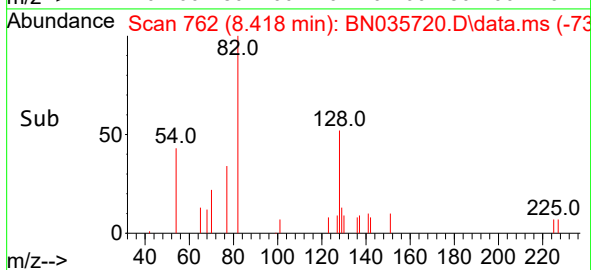
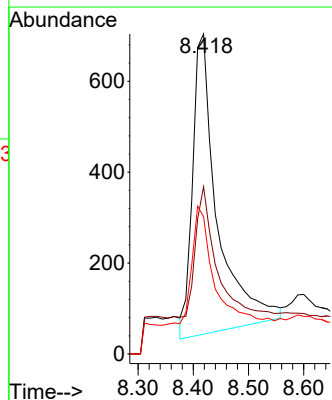
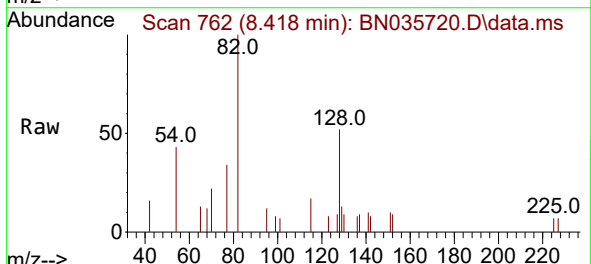
Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209

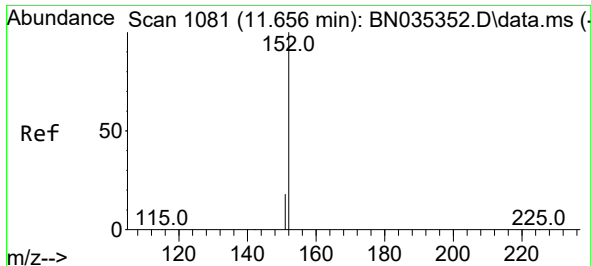
Tgt Ion:	136	Resp:	8239
Ion Ratio	Lower	Upper	
136	100		
137	12.3	10.2	15.2
54	5.5	6.1	9.1#
68	6.2	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:	82	Resp:	2064
Ion Ratio	Lower	Upper	
82	100		
128	52.3	33.4	50.0#
54	42.9	36.7	55.1

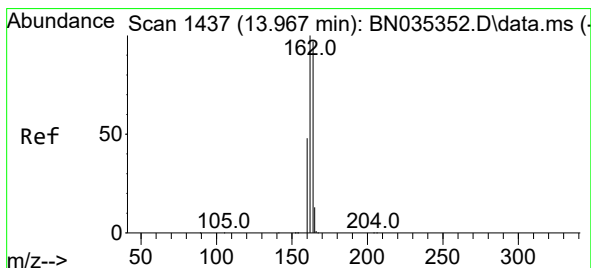
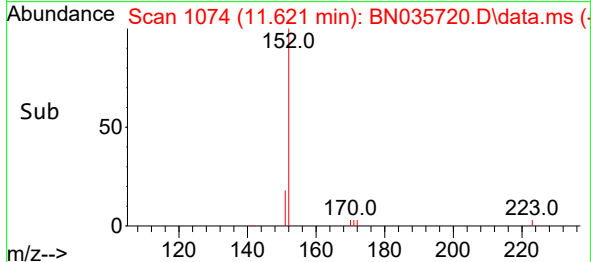
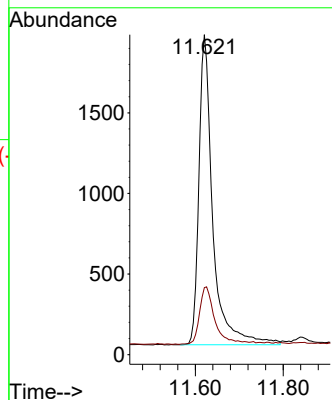
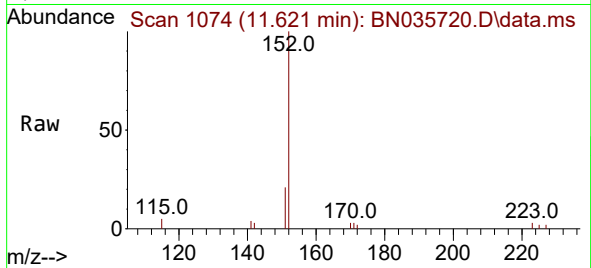




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

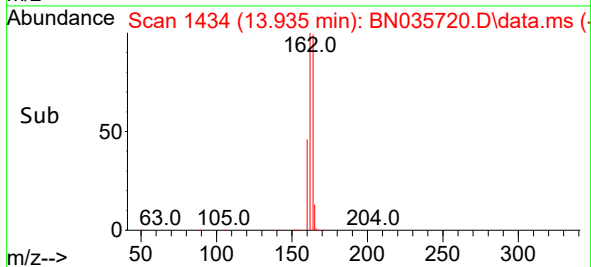
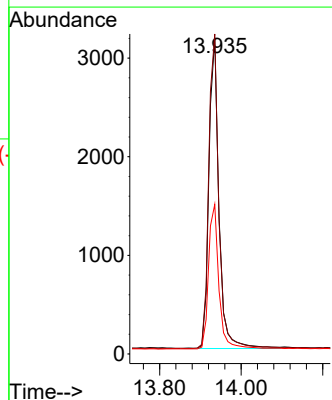
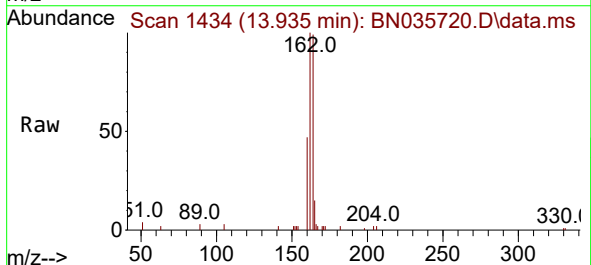
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RE134D1-20241209

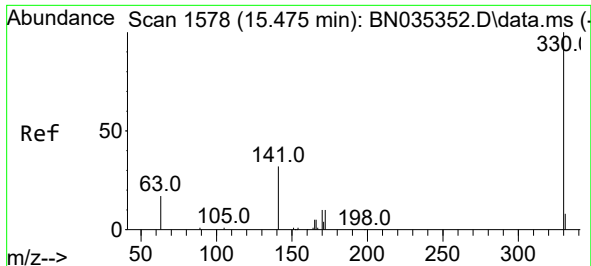
Tgt Ion:152 Resp: 4230
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:164 Resp: 5412
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.3 40.1 60.1

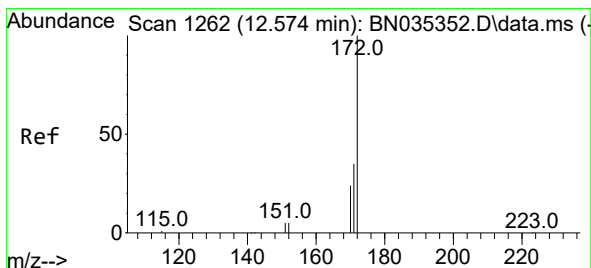
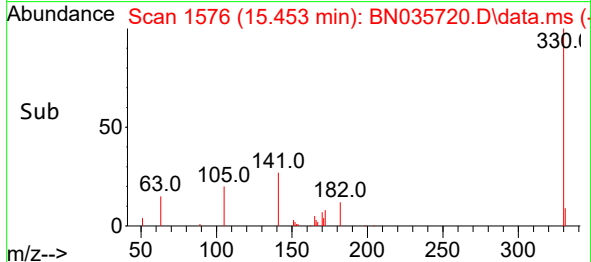
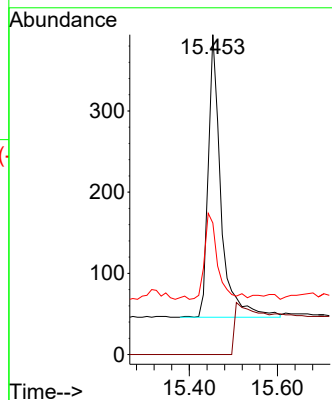
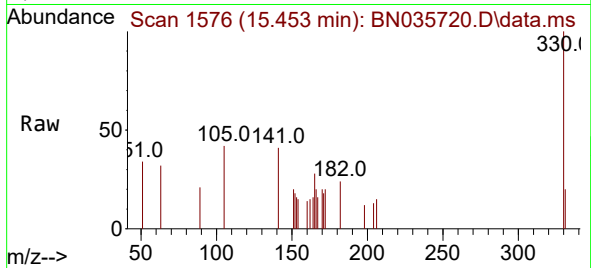




#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

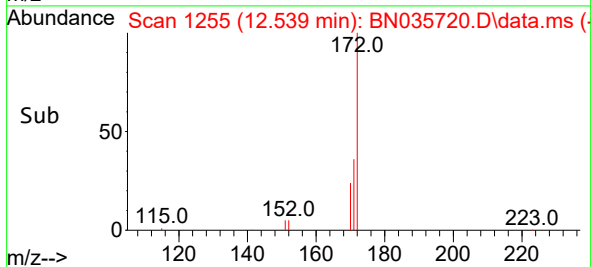
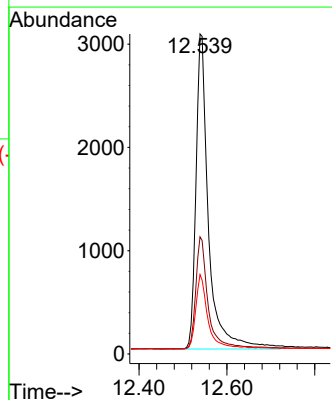
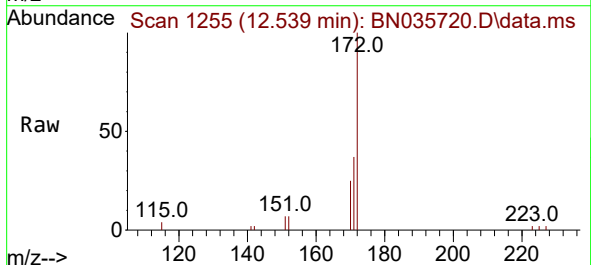
Instrument :
BNA_N
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RE134D1-20241209

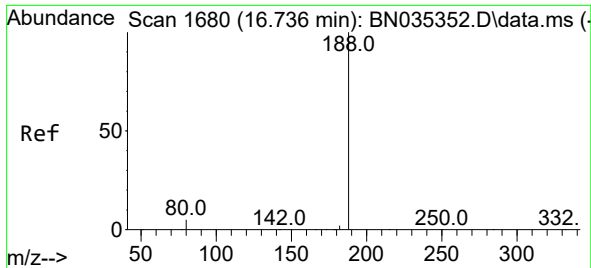
Tgt Ion:330 Resp: 733
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:172 Resp: 6104
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.8 19.8 29.8

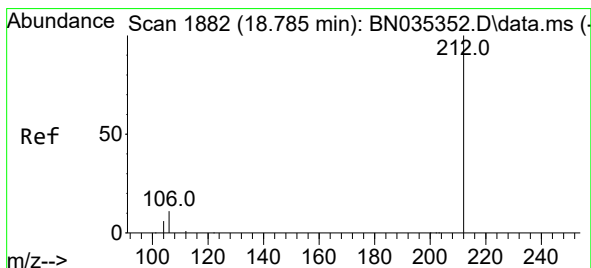
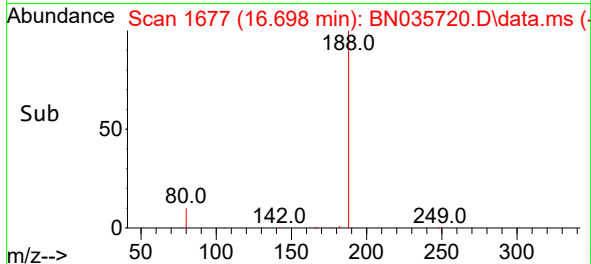
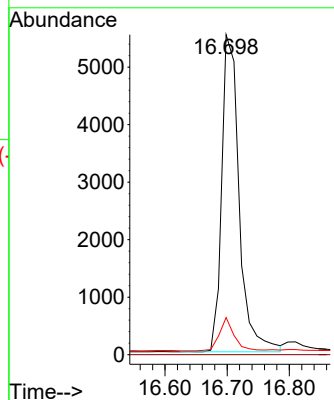
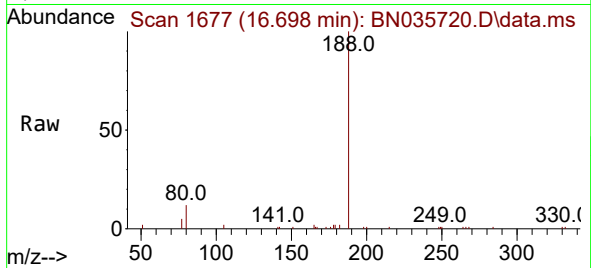




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

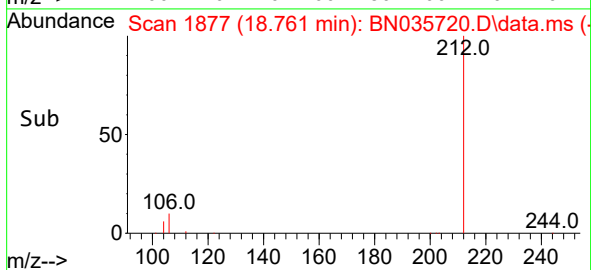
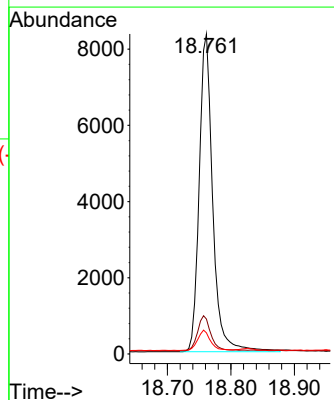
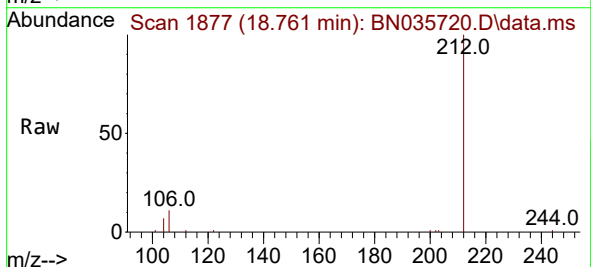
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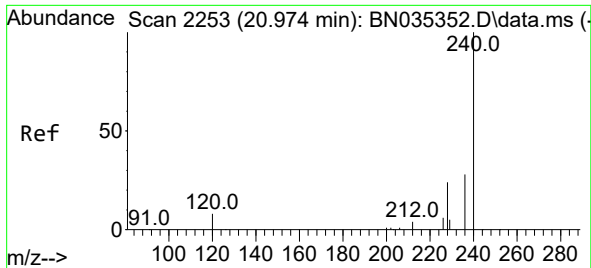
Tgt Ion:188 Resp: 10731
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 4.6 6.8#



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:212 Resp: 12378
Ion Ratio Lower Upper
212 100
106 11.0 9.2 13.8
104 6.0 5.3 7.9

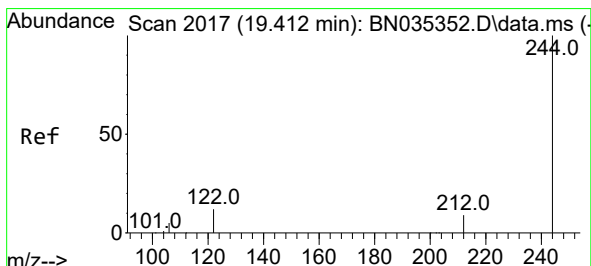
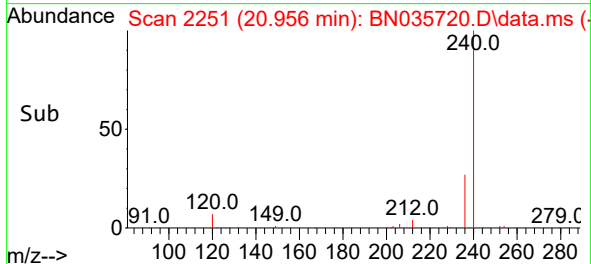
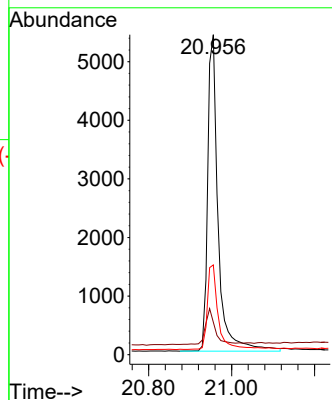
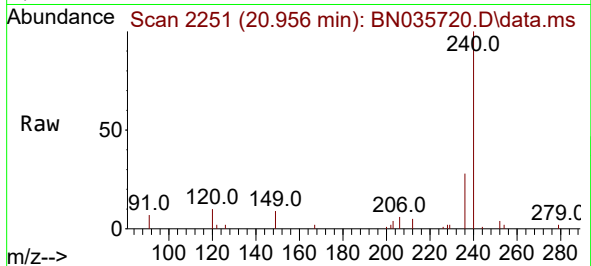




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

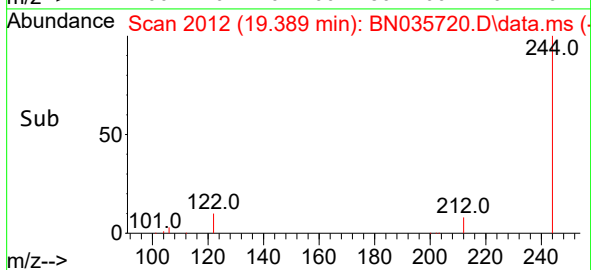
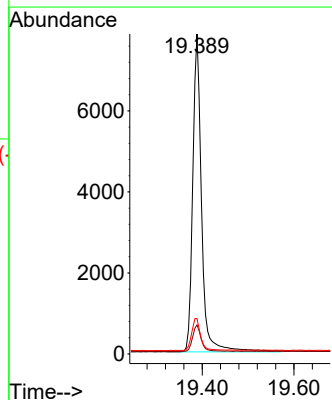
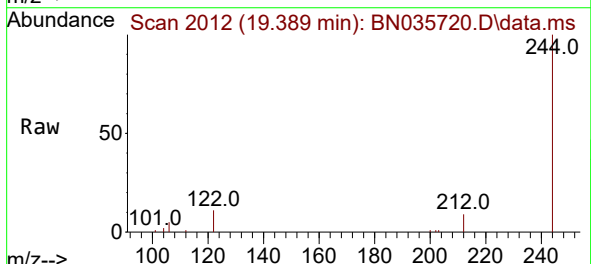
Instrument :
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RE134D1-20241209

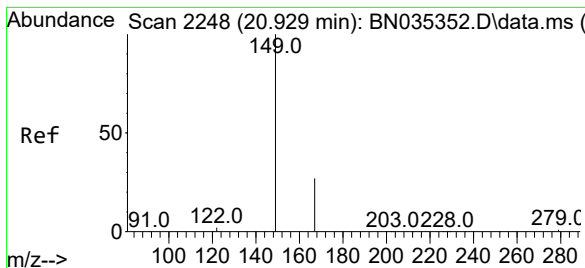
Tgt Ion:240 Resp: 9459
Ion Ratio Lower Upper
240 100
120 10.2 7.9 11.9
236 28.1 22.9 34.3



#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:244 Resp: 10441
Ion Ratio Lower Upper
244 100
212 9.1 8.1 12.1
122 11.1 10.3 15.5

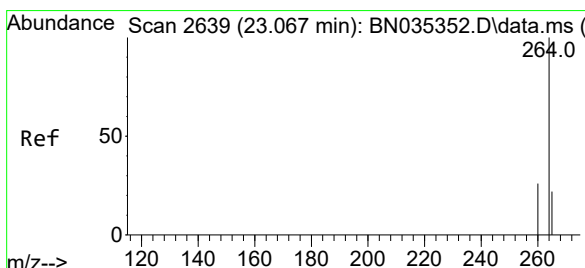
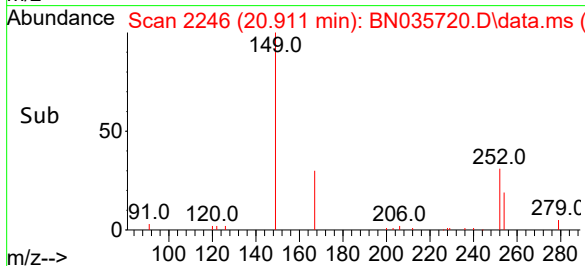
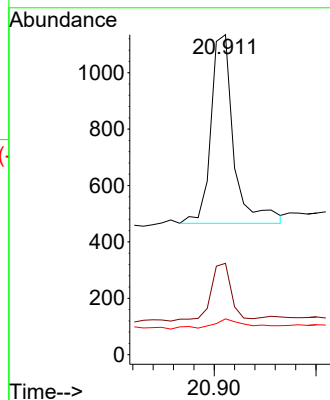
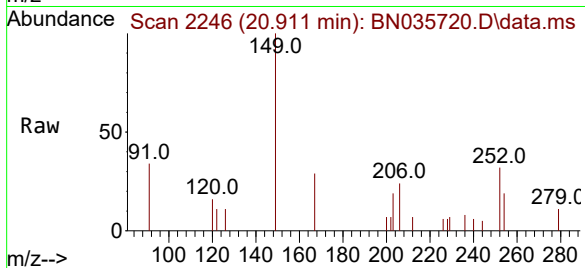




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 20.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20241209

Tgt Ion:149 Resp: 1039
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 8.7 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.038 min Scan# 2629
 Delta R.T. -0.003 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

Tgt Ion:264 Resp: 10379
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.4 32.2
 265 66.6 40.2 60.4#

