

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024373.D
 Acq On : 18 Mar 2023 09:32
 Operator : CG/JU
 Sample : 01879-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230309

Quant Time: Mar 20 01:08:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

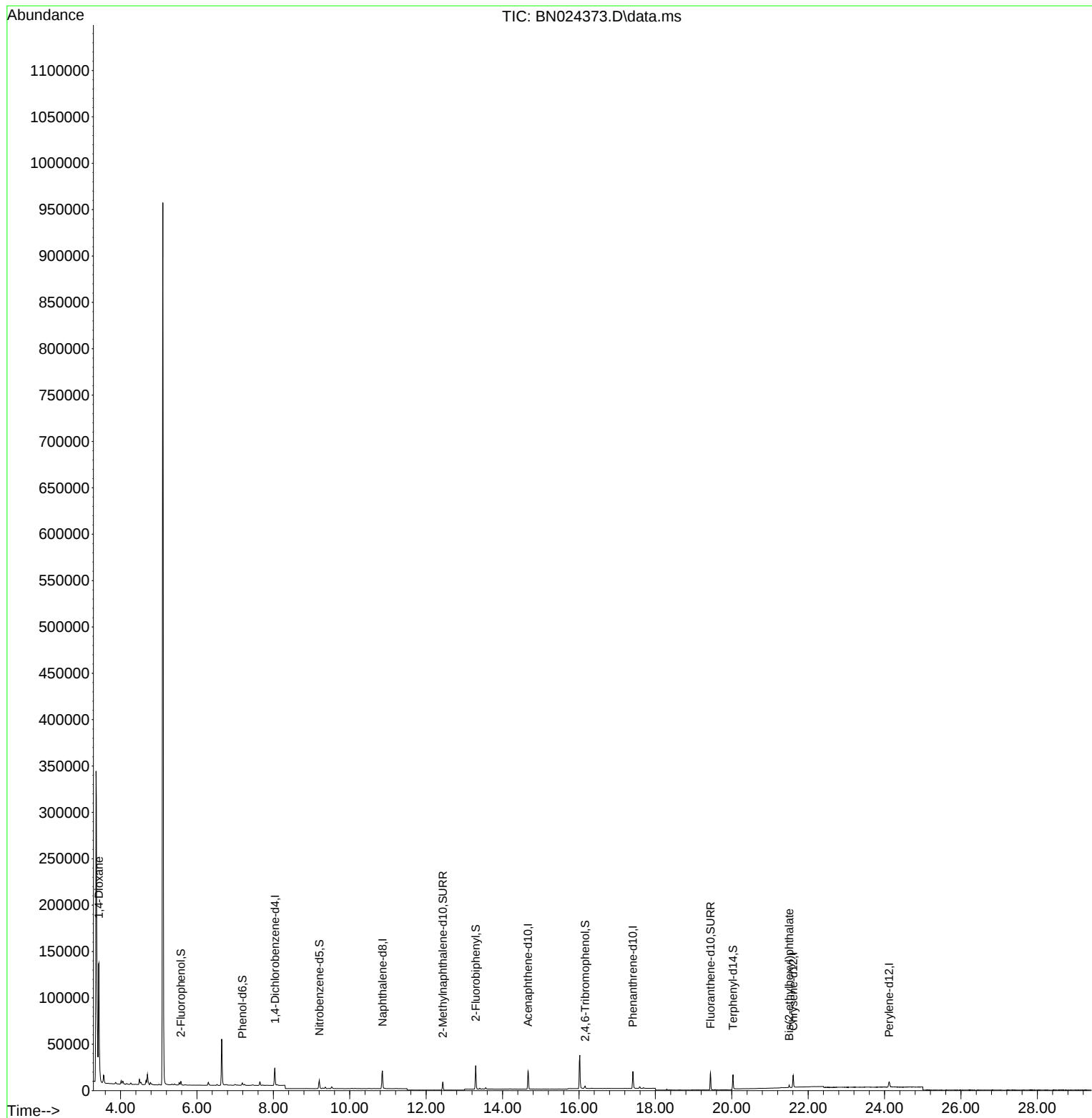
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8350	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	24941	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	11539	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	23364	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	13759	0.400	ng	0.00
35) Perylene-d12	24.117	264	9569	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3077	0.166	ng	0.00
5) Phenol-d6	7.188	99	2267	0.095	ng	0.00
8) Nitrobenzene-d5	9.200	82	7189	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11577	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1561	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20582	0.472	ng	0.00
27) Fluoranthene-d10	19.442	212	18803	0.380	ng	0.00
31) Terphenyl-d14	20.034	244	11492	0.495	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	82687	9.101	ng	96
34) Bis(2-ethylhexyl)phtha...	21.502	149	2372	0.110	ng	99

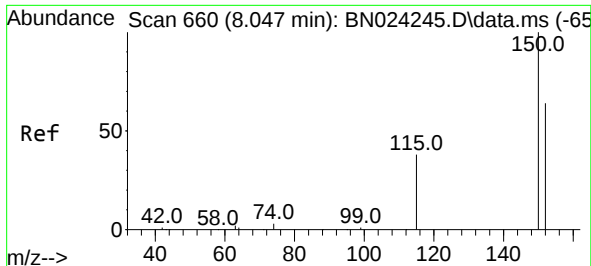
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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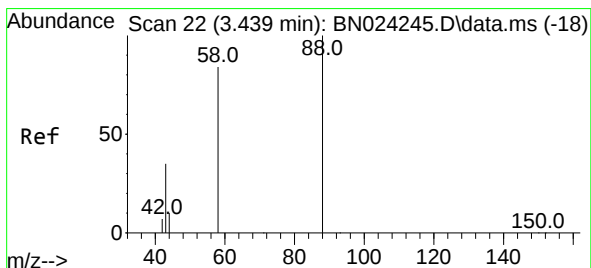
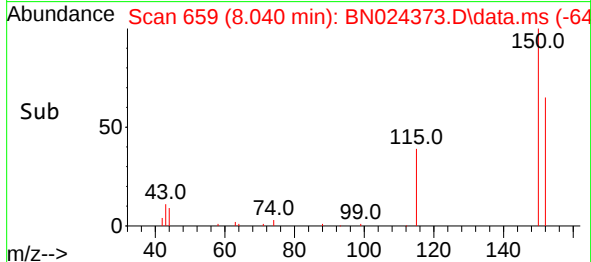
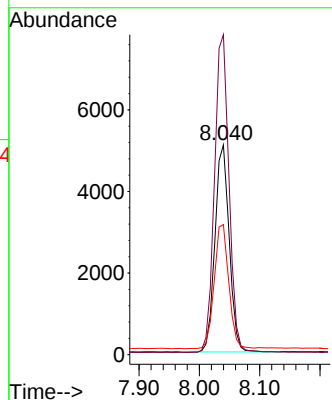
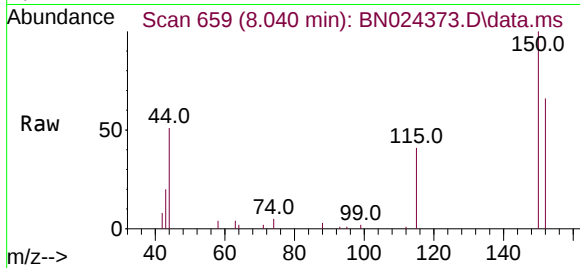




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024373.D
 Acq: 18 Mar 2023 09:32

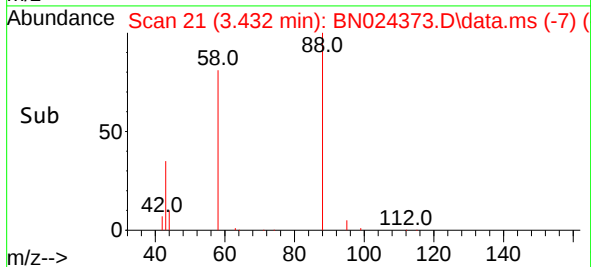
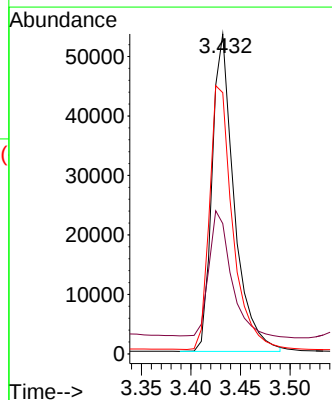
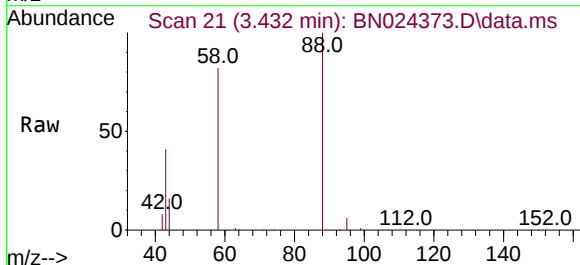
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230309

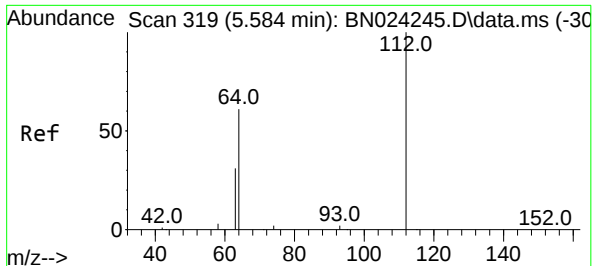
Tgt Ion:152 Resp: 8350
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.7 187.1
 115 62.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 9.101 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024373.D
 Acq: 18 Mar 2023 09:32

Tgt Ion: 88 Resp: 82687
 Ion Ratio Lower Upper
 88 100
 43 40.2 29.0 43.4
 58 87.1 67.3 100.9

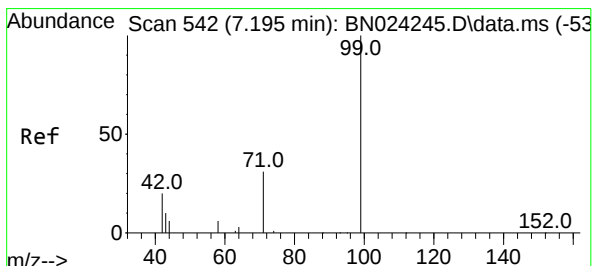
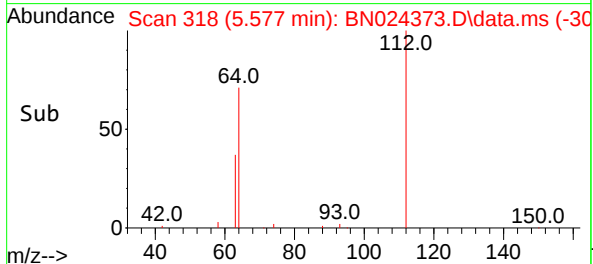
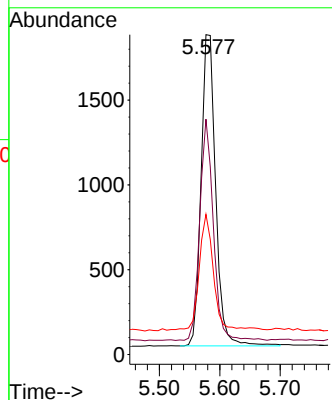
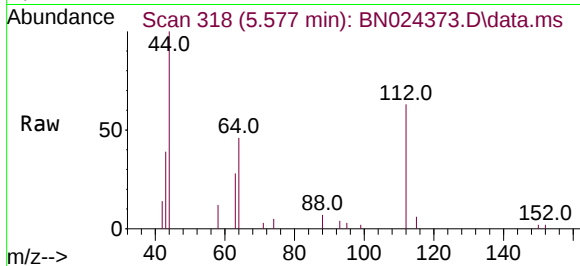




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

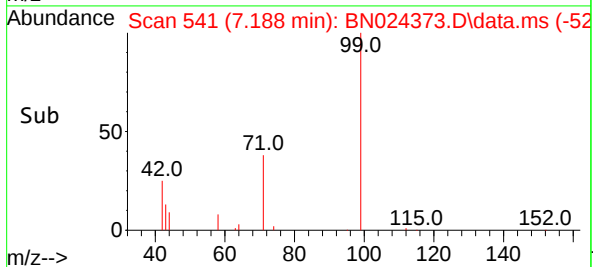
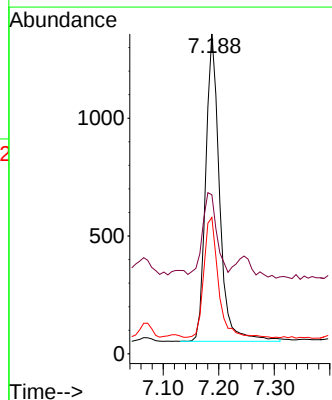
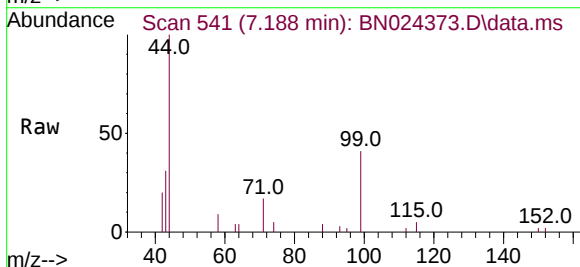
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309

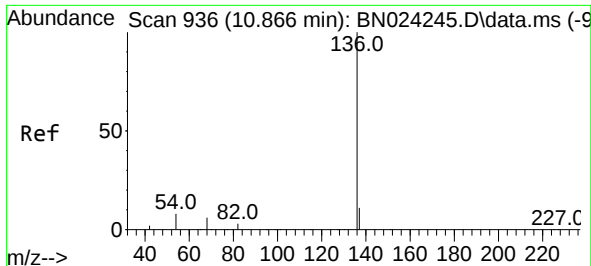
Tgt Ion:112 Resp: 3077
Ion Ratio Lower Upper
112 100
64 66.7 49.0 73.6
63 34.8 25.7 38.5



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion: 99 Resp: 2267
Ion Ratio Lower Upper
99 100
42 28.1 20.1 30.1
71 41.1 25.8 38.8#

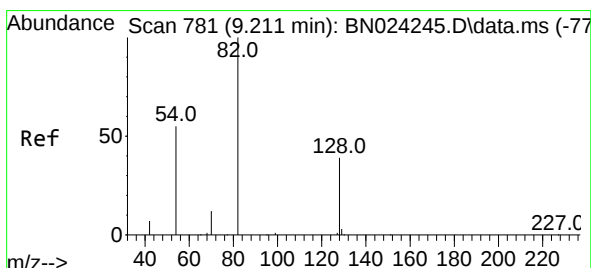
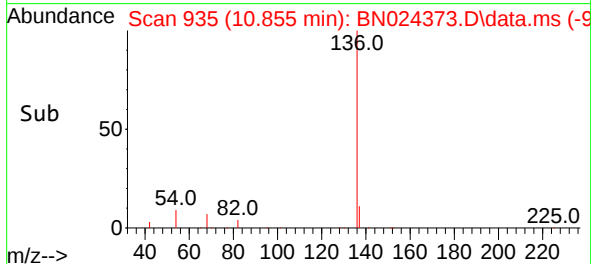
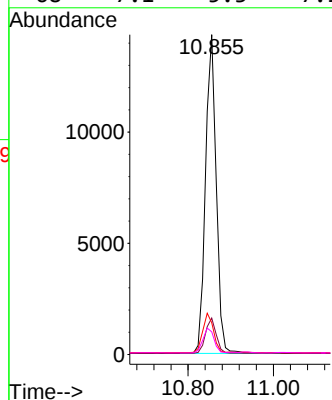
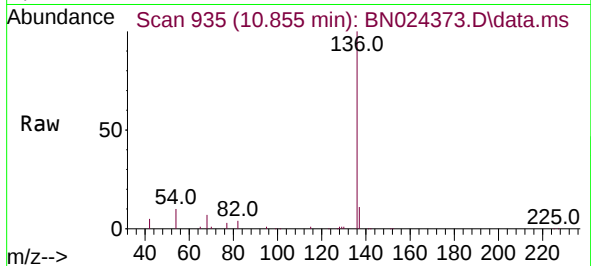




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

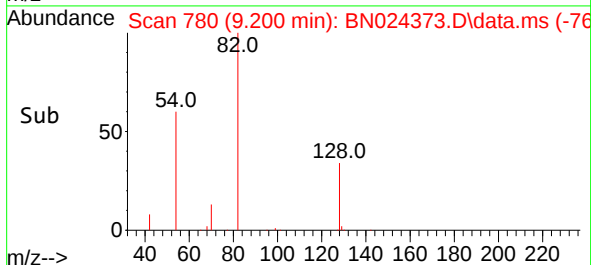
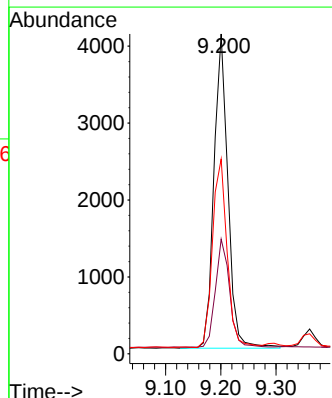
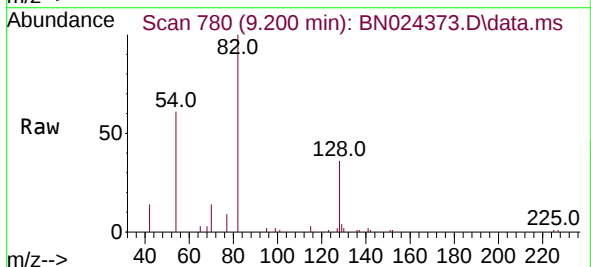
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309

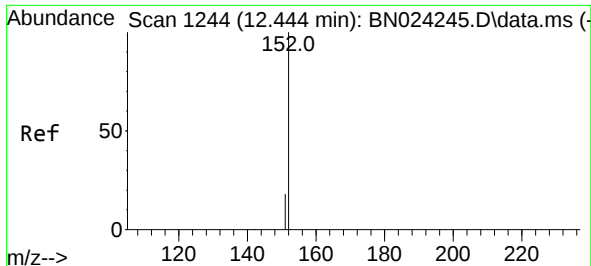
Tgt Ion:	136	Resp:	24941
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	10.0	7.1	10.7
68	7.1	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion:	82	Resp:	7189
Ion Ratio	Lower	Upper	
82	100		
128	35.9	32.4	48.6
54	60.9	45.2	67.8

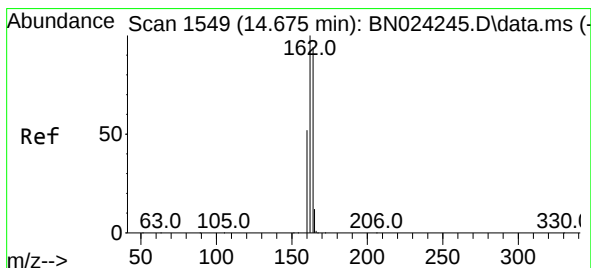
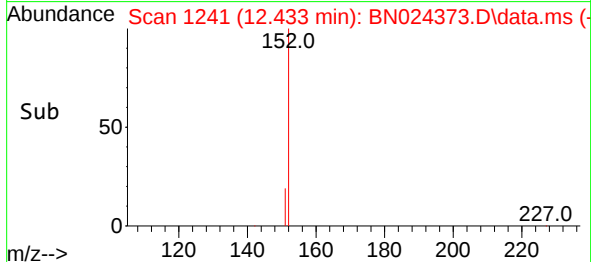
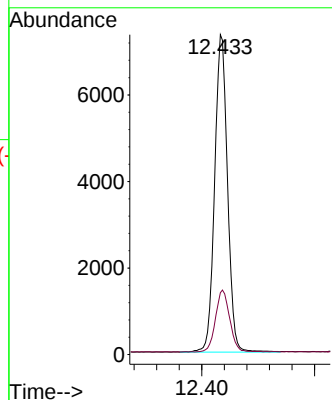
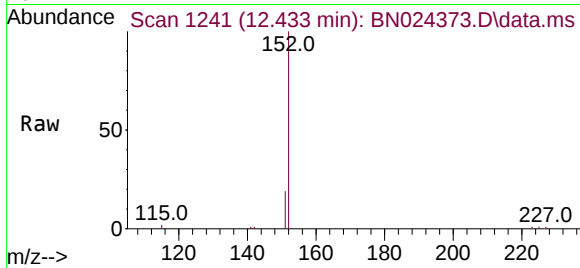




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

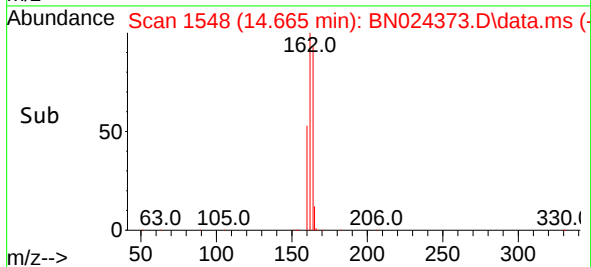
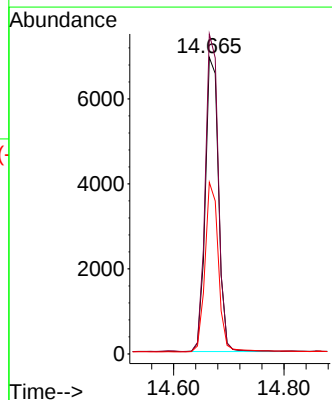
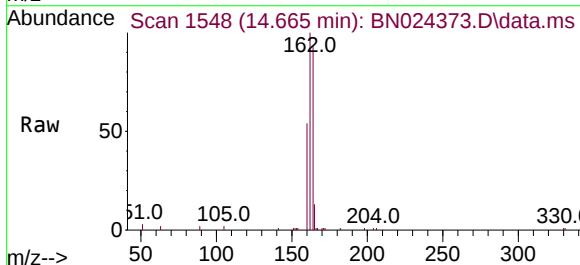
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309

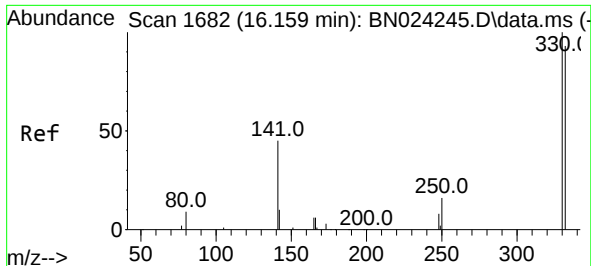
Tgt Ion:152 Resp: 11577
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion:164 Resp: 11539
Ion Ratio Lower Upper
164 100
162 108.0 84.7 127.1
160 57.9 44.6 66.8

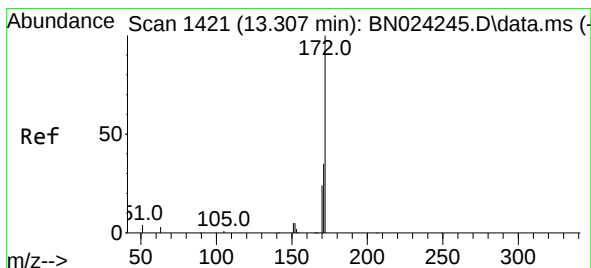
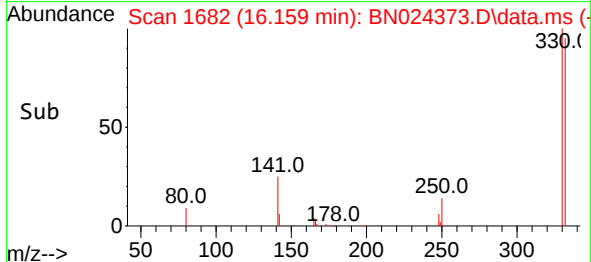
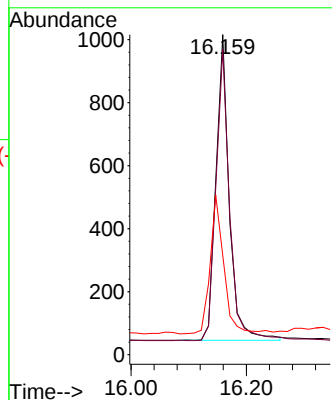
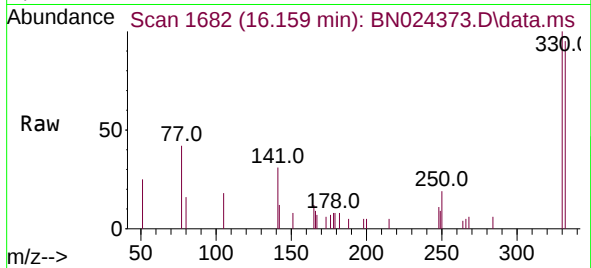




#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

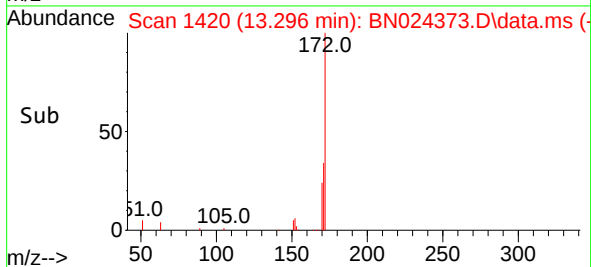
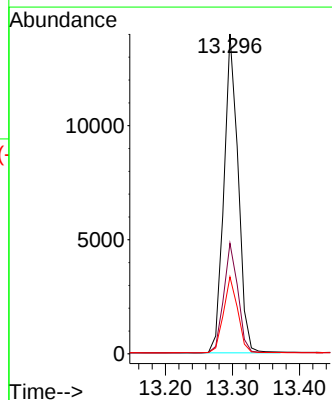
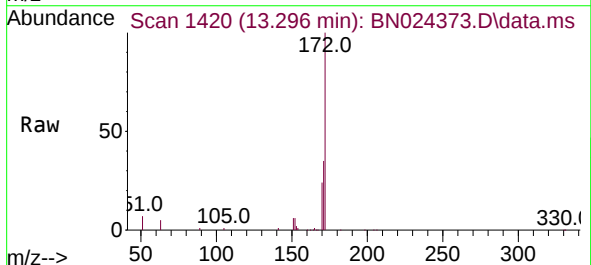
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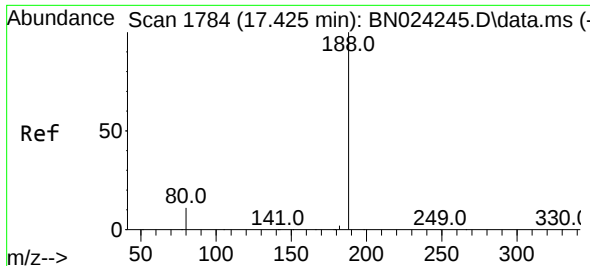
Tgt Ion: 330 Resp: 1561
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 46.5 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion: 172 Resp: 20582
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.1 19.0 28.6

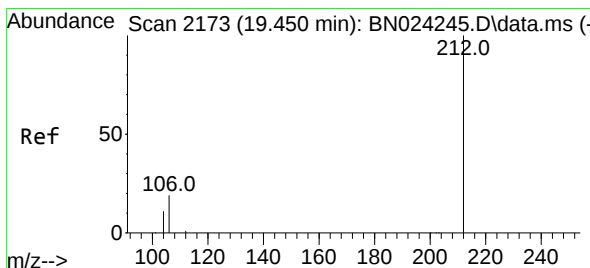
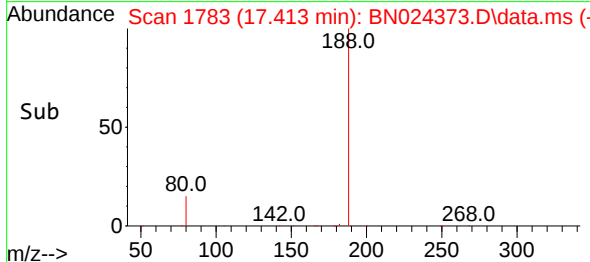
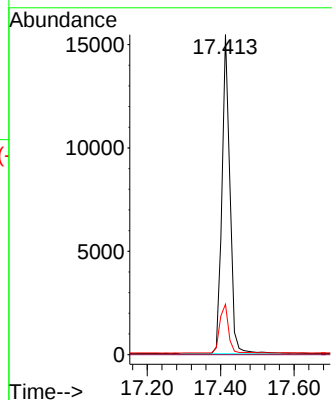
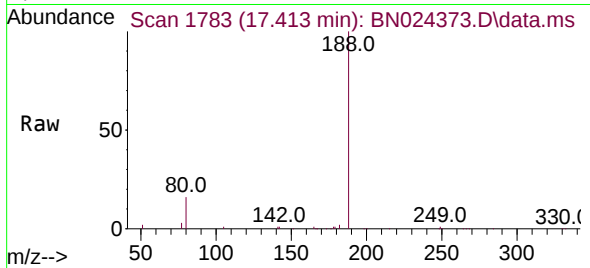




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

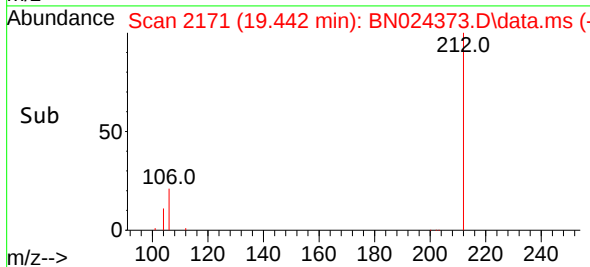
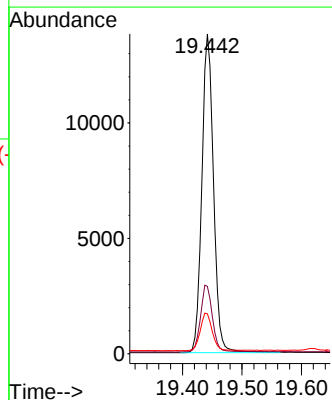
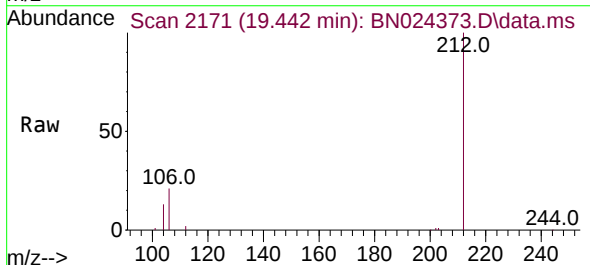
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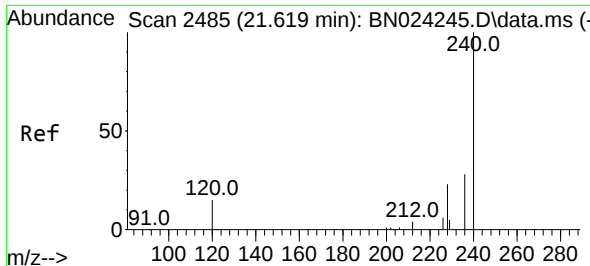
Tgt Ion:188 Resp: 23364
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 8.9 13.3#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion:212 Resp: 18803
Ion Ratio Lower Upper
212 100
106 21.4 15.4 23.2
104 12.1 8.6 13.0

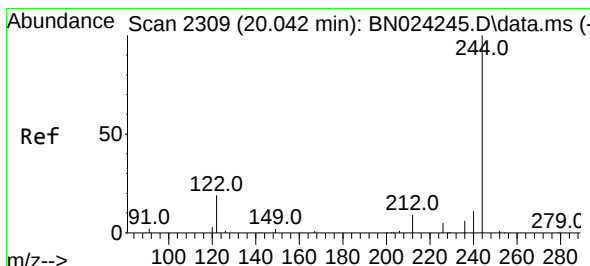
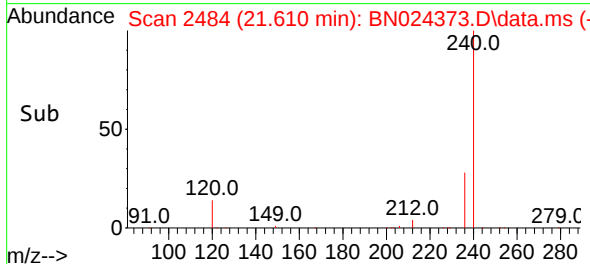
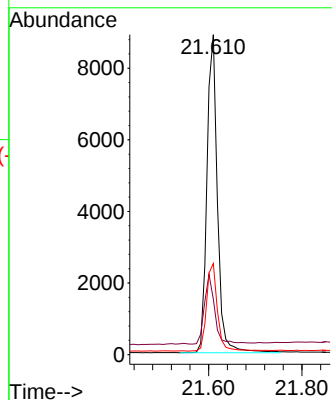
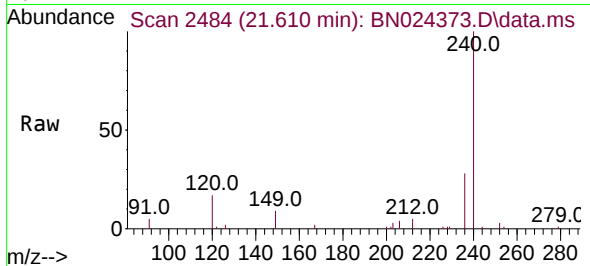




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2485
Delta R.T. 0.009 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

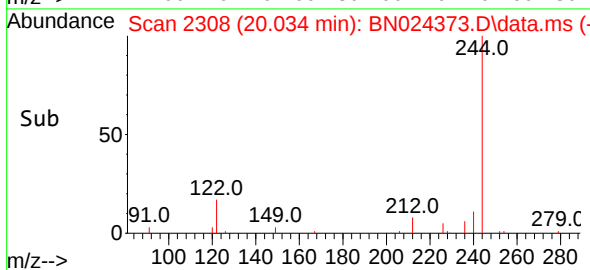
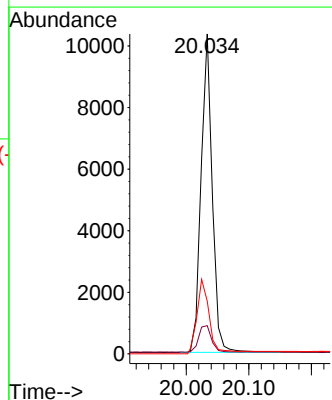
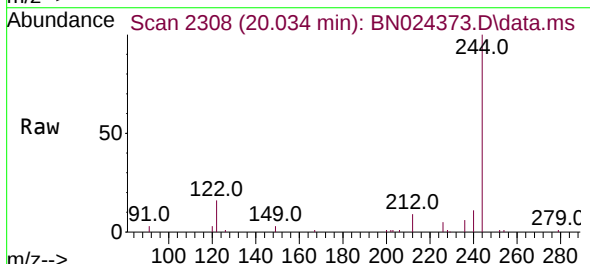
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230309

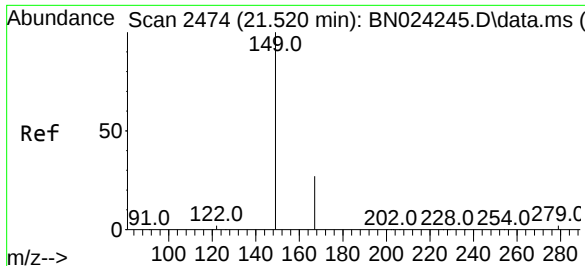
Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.3	12.8	19.2
236	28.5	22.5	33.7



#31
Terphenyl-d14
Concen: 0.495 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024373.D
Acq: 18 Mar 2023 09:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	16.5	15.1	22.7

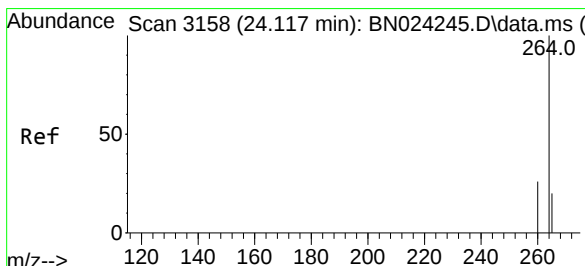
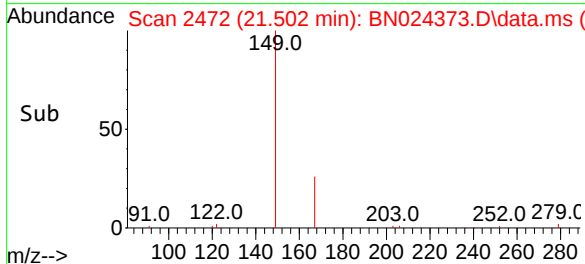
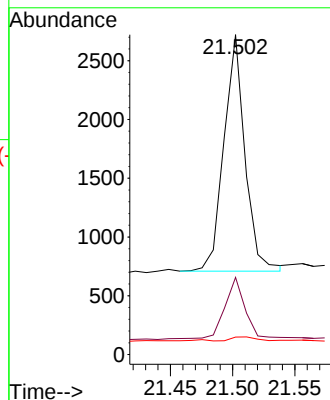
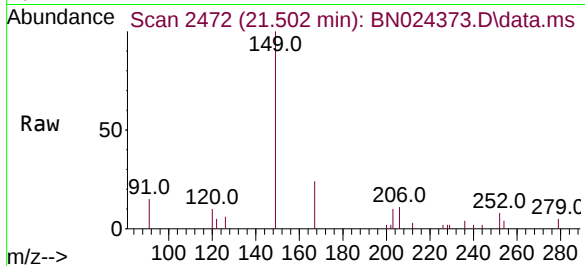




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024373.D
 Acq: 18 Mar 2023 09:32

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230309

Tgt Ion:	149	Resp:	2372
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	2.3	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 3158
 Delta R.T. 0.021 min
 Lab File: BN024373.D
 Acq: 18 Mar 2023 09:32

Tgt Ion:	264	Resp:	9569
Ion Ratio	Lower	Upper	
264	100		
260	27.3	21.4	32.2
265	74.6	35.7	53.5

