

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024517.D
 Acq On : 23 Mar 2023 18:54
 Operator : CG/JU
 Sample : 01904-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230313

Quant Time: Mar 24 02:37:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 02:34:14 2023
 Response via : Initial Calibration

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

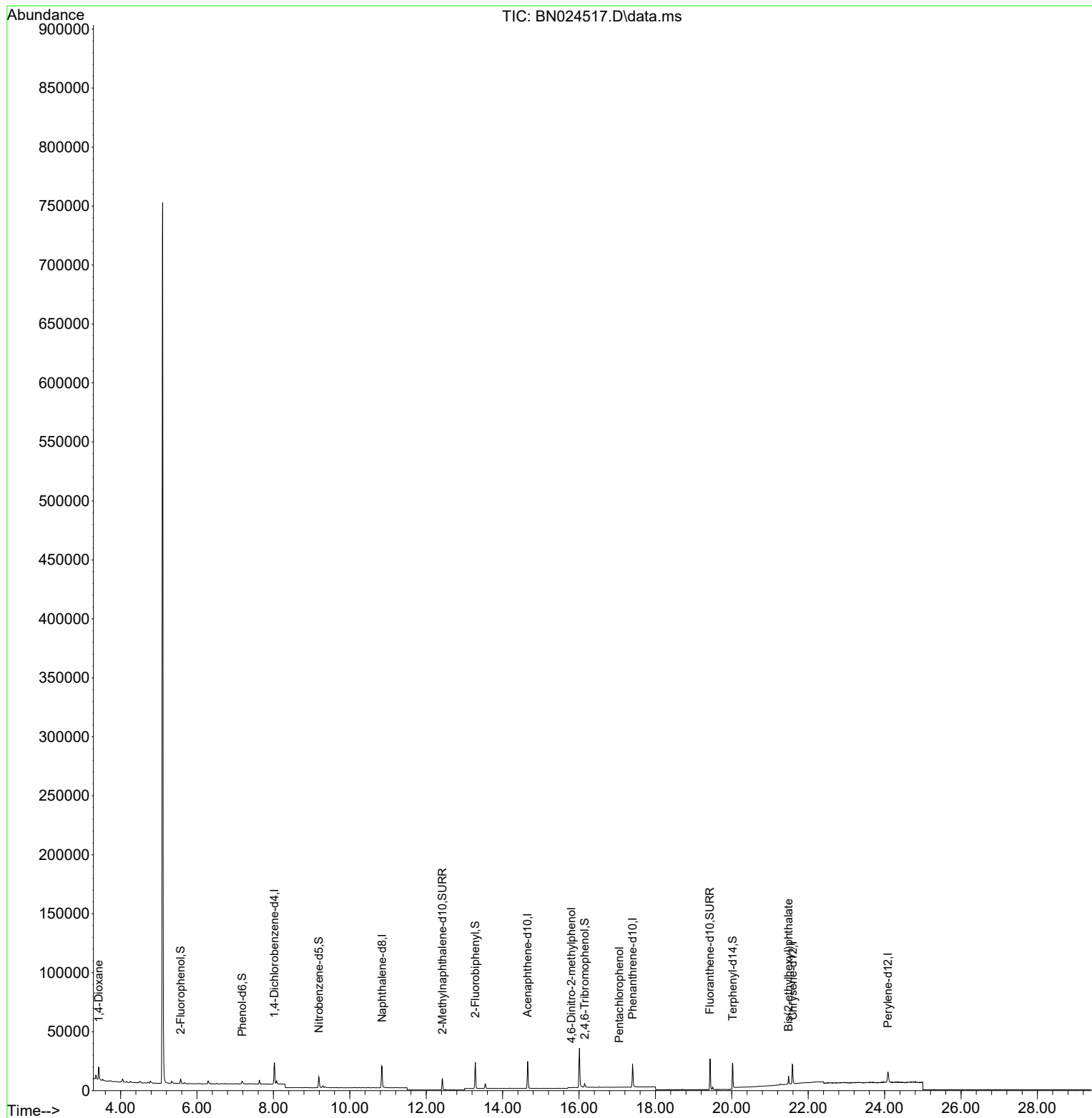
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9139	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	26120	0.400	ng	0.01
13) Acenaphthene-d10	14.654	164	13232	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	27606	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	17456	0.400	ng	0.00
35) Perylene-d12	24.088	264	15011	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3142	0.155	ng	0.00
5) Phenol-d6	7.180	99	2327	0.090	ng	0.00
8) Nitrobenzene-d5	9.190	82	7491	0.429	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	12796	0.399	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	1957	0.289	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	19099	0.382	ng	0.00
27) Fluoranthene-d10	19.429	212	28560	0.488	ng	0.00
31) Terphenyl-d14	20.025	244	16829	0.572	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	6700	0.674	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.799	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	19	0.130	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.484	149	6698	0.244	ng	# 97

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

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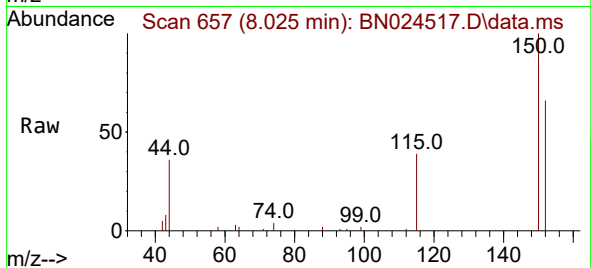
Quant Time: Mar 24 02:37:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 02:34:14 2023
Response via : Initial Calibration



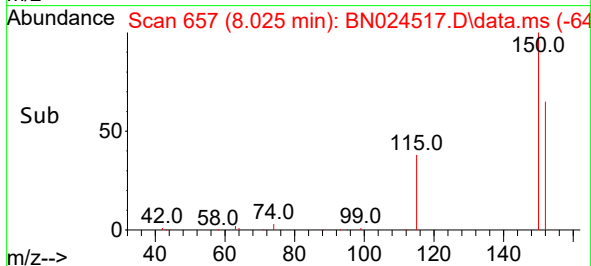
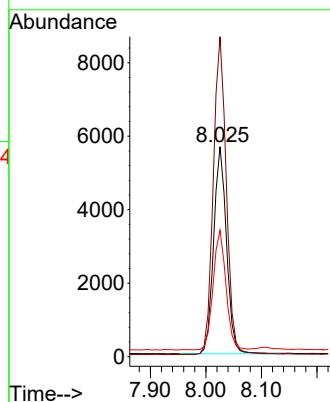


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Instrument :
BNA_N
ClientSampleId :
TT17411-20230313

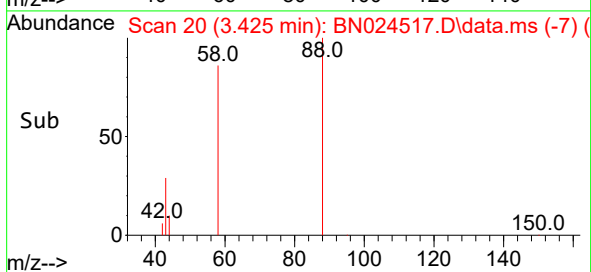
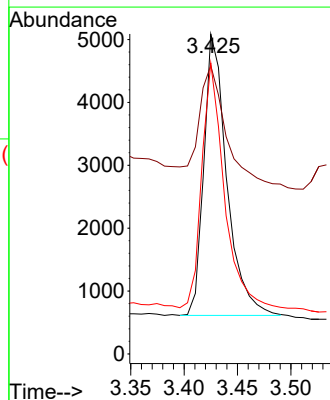
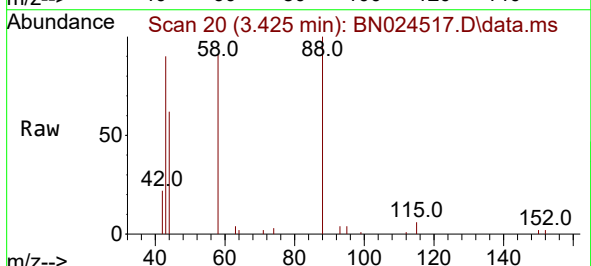


Tgt Ion:152 Resp: 9139
Ion Ratio Lower Upper
152 100
150 152.4 124.7 187.1
115 60.2 49.1 73.7



#2
1,4-Dioxane
Concen: 0.674 ng
RT: 3.425 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion: 88 Resp: 6700
Ion Ratio Lower Upper
88 100
43 48.2 29.0 43.4#
58 84.5 67.3 100.9

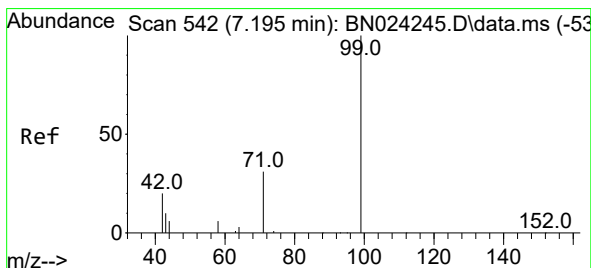
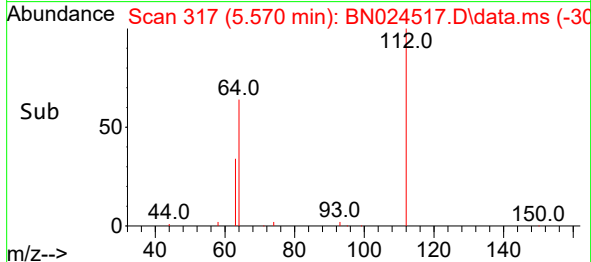
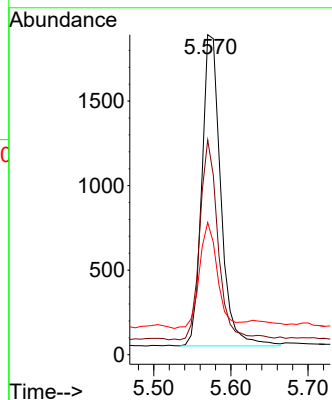
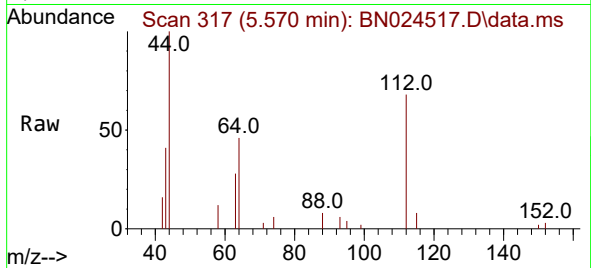




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.570 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

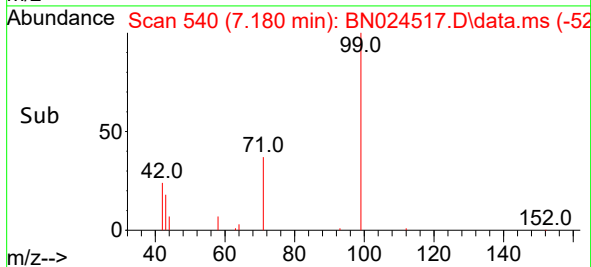
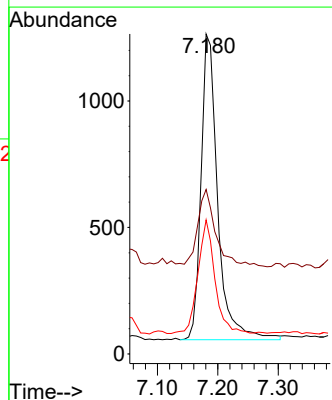
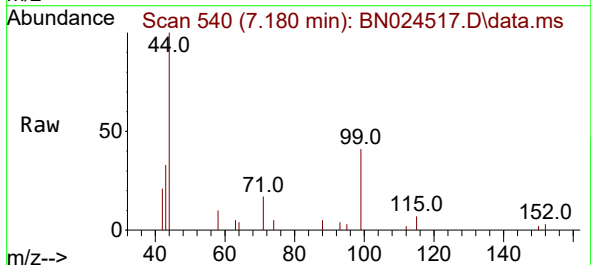
Instrument :
BNA_N
ClientSampleId :
TT17411-20230313

Tgt Ion:112 Resp: 3142
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.6
63 32.9 25.7 38.5



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.180 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion: 99 Resp: 2327
Ion Ratio Lower Upper
99 100
42 27.4 20.1 30.1
71 37.7 25.8 38.8

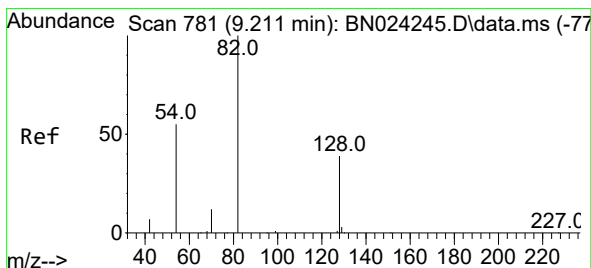
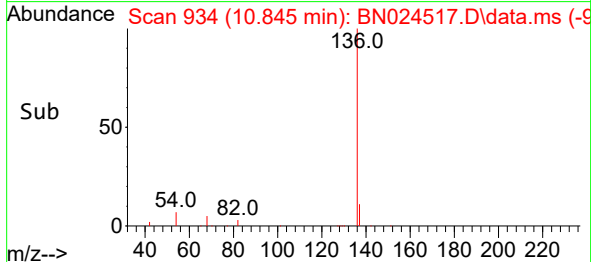
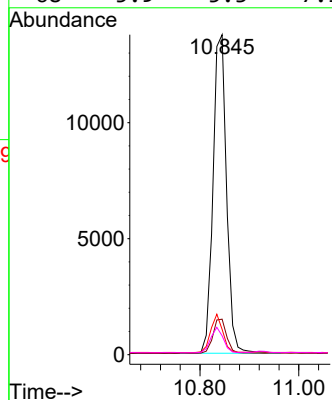
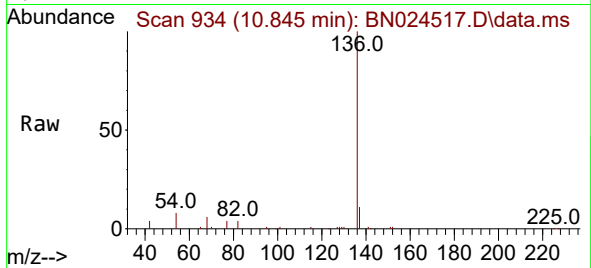




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

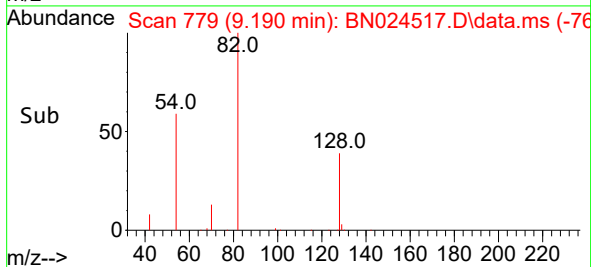
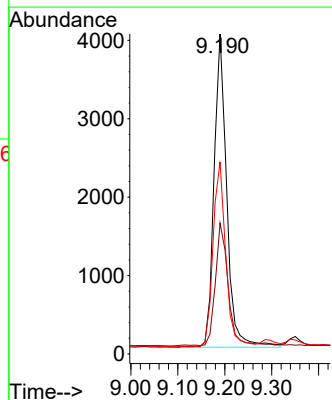
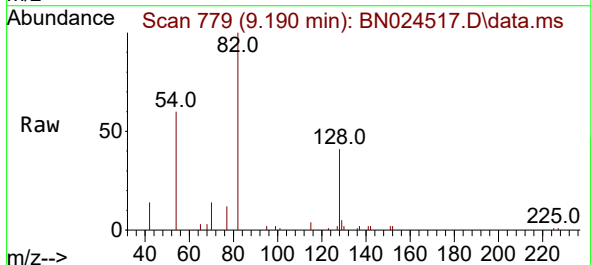
Instrument :
BNA_N
ClientSampleId :
TT17411-20230313

Tgt Ion:	136	Resp:	26120
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.9	7.1	10.7
68	5.9	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion:	82	Resp:	7491
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.4	48.6
54	60.1	45.2	67.8

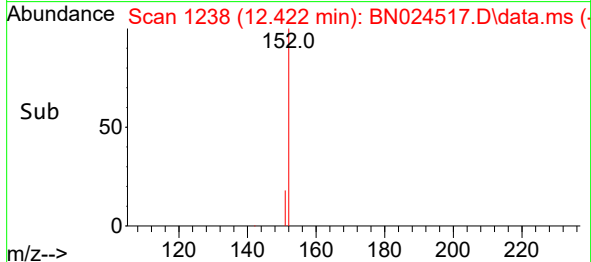
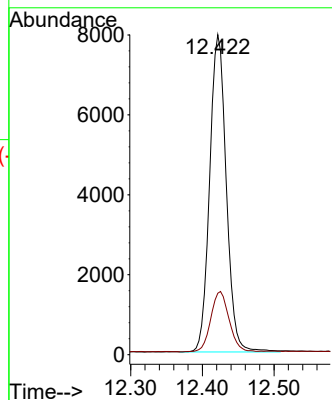
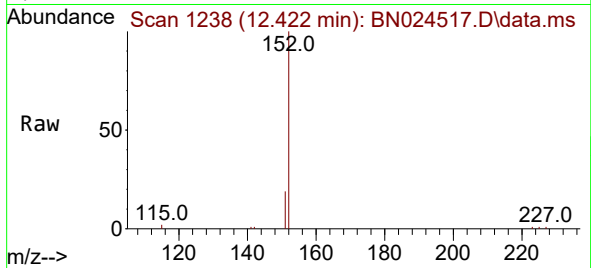




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.422 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

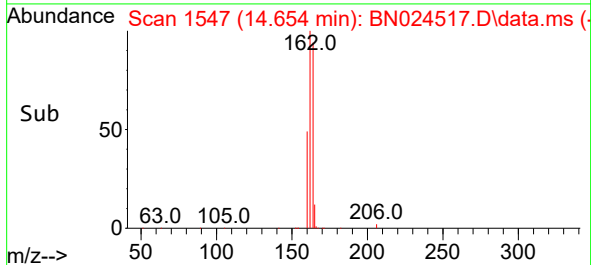
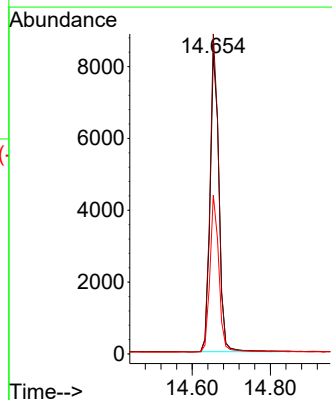
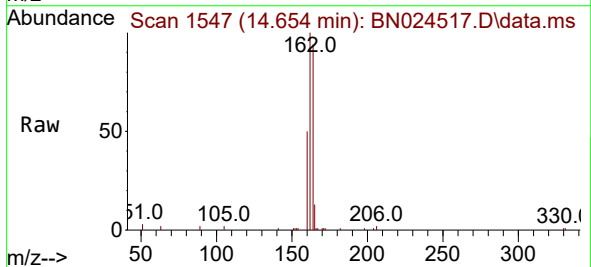
Instrument :
BNA_N
ClientSampleId :
TT17411-20230313

Tgt Ion:152 Resp: 12796
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.654 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion:164 Resp: 13232
Ion Ratio Lower Upper
164 100
162 106.3 84.7 127.1
160 52.8 44.6 66.8

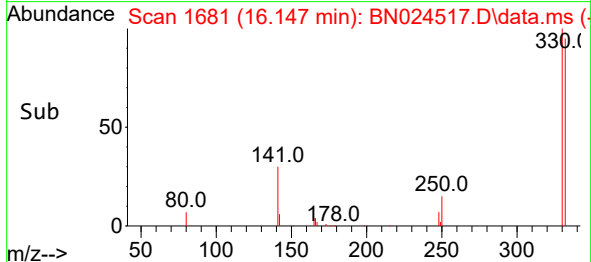
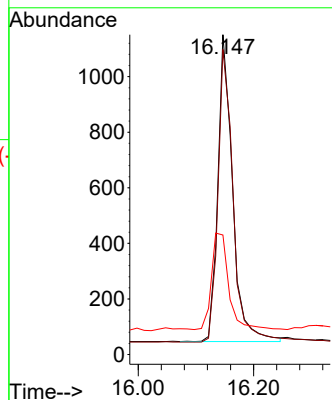
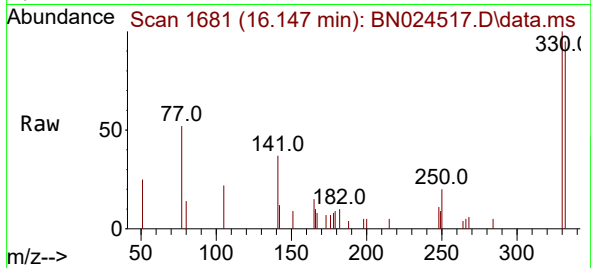




#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

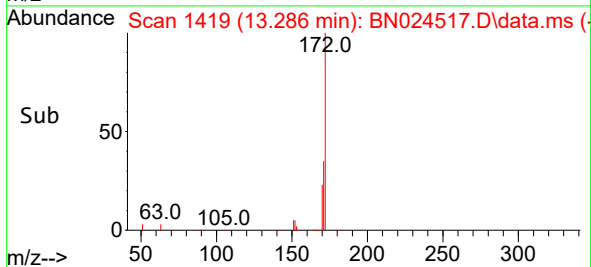
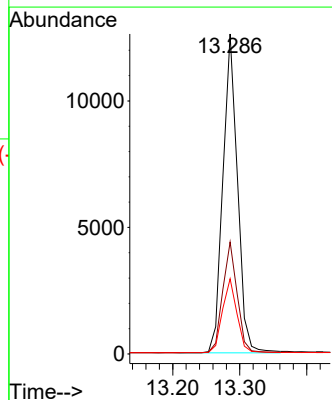
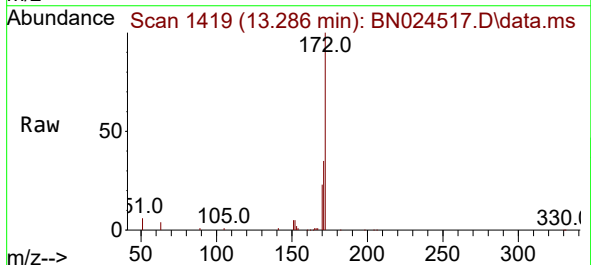
Instrument :
BNA_N
ClientSampleId :
TT17411-20230313

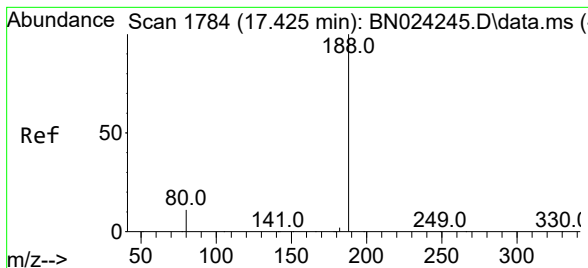
Tgt Ion:330 Resp: 1957
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 36.4 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.286 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion:172 Resp: 19099
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.5 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024517.D

Acq: 23 Mar 2023 18:54

Instrument :

BNA_N

ClientSampleId :

TT17411-20230313

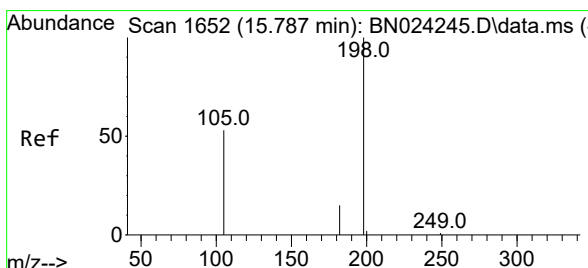
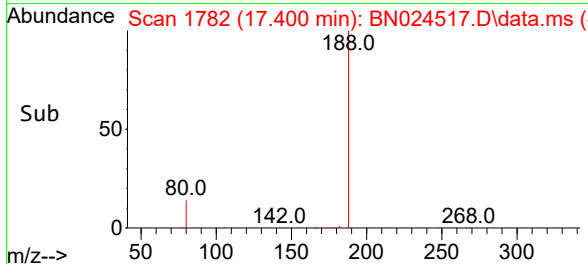
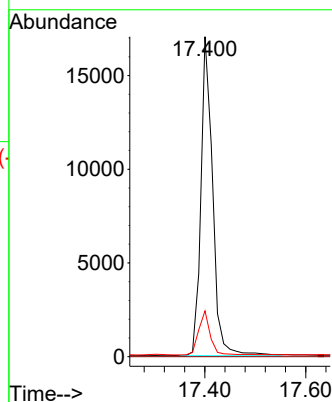
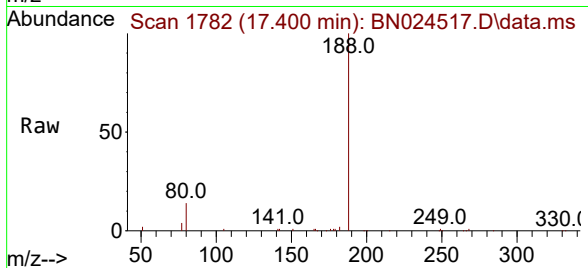
Tgt Ion:188 Resp: 27606

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.3 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.799 min Scan# 1653

Delta R.T. 0.025 min

Lab File: BN024517.D

Acq: 23 Mar 2023 18:54

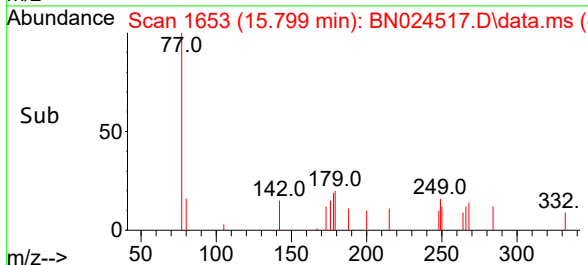
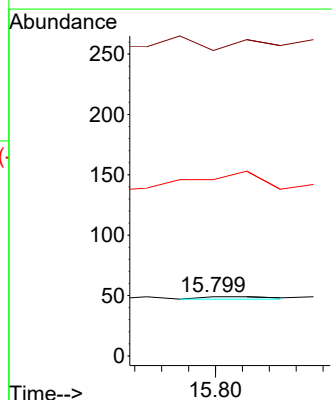
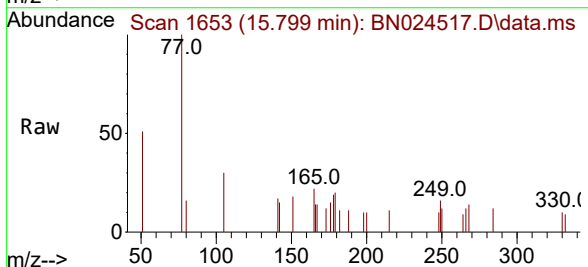
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 516.3 68.2 102.2#

105 298.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.053 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024517.D

Acq: 23 Mar 2023 18:54

Instrument :

BNA_N

ClientSampleId :

TT17411-20230313

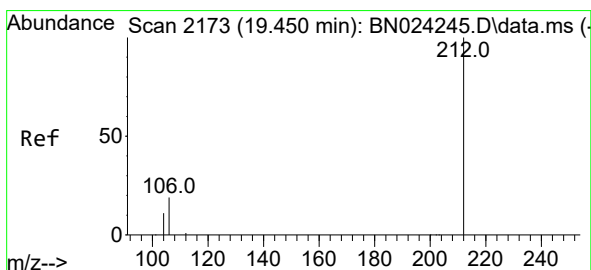
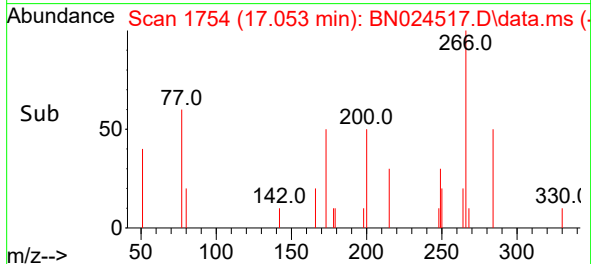
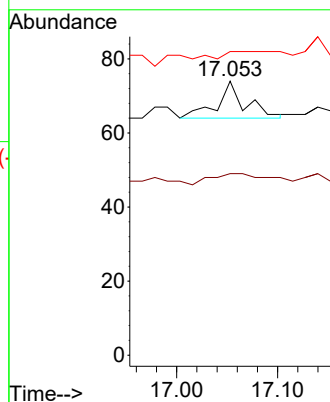
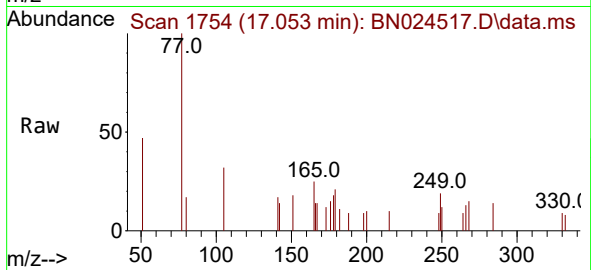
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 68.4 51.1 76.7

268 78.9 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.488 ng

RT: 19.429 min Scan# 2168

Delta R.T. -0.000 min

Lab File: BN024517.D

Acq: 23 Mar 2023 18:54

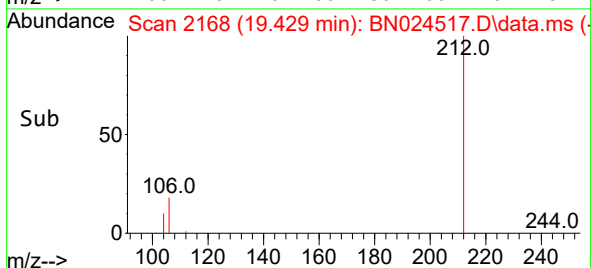
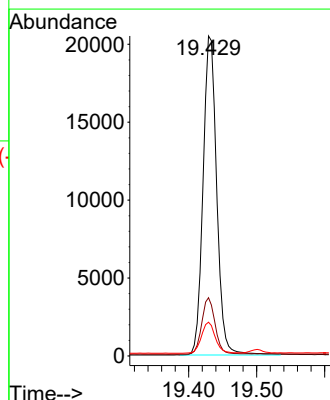
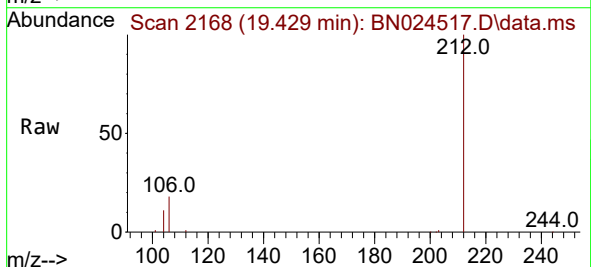
Tgt Ion:212 Resp: 28560

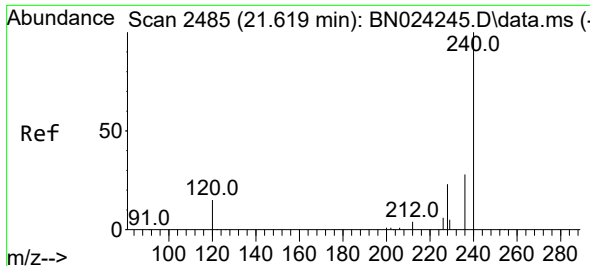
Ion Ratio Lower Upper

212 100

106 17.4 15.4 23.2

104 9.9 8.6 13.0

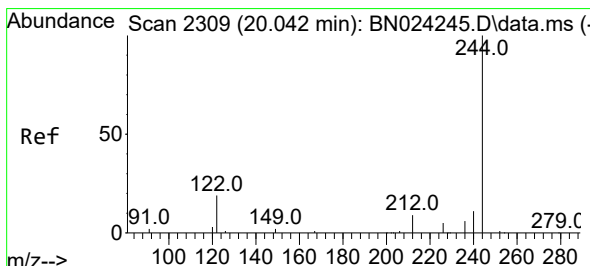
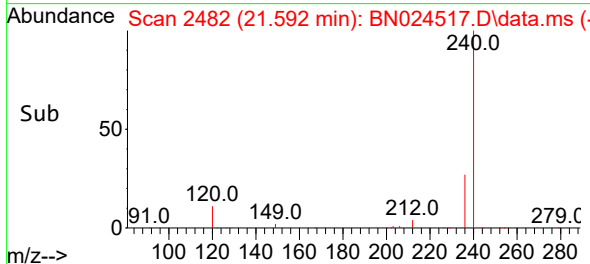
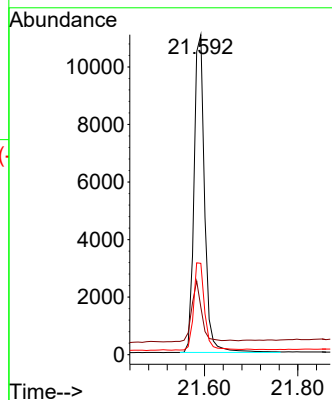
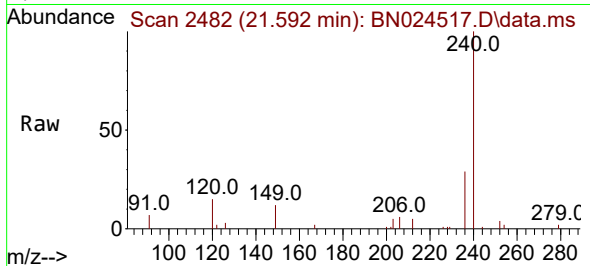




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

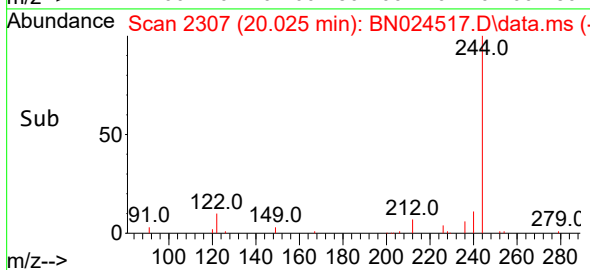
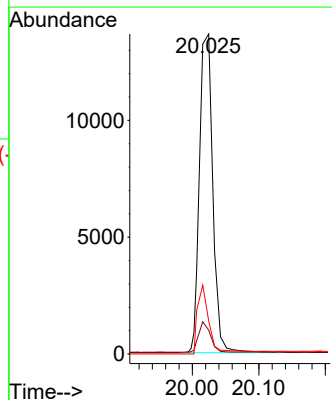
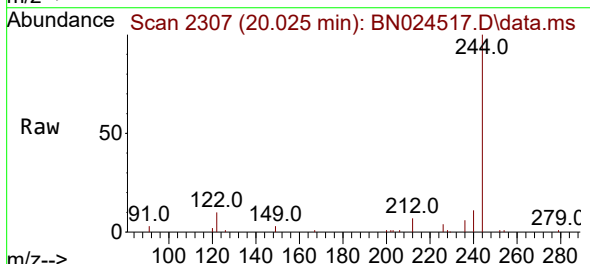
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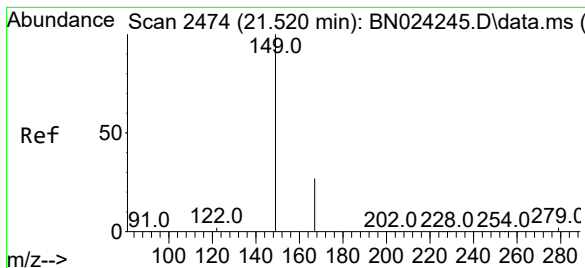
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	12.8	19.2
236	28.5	22.5	33.7



#31
Terphenyl-d14
Concen: 0.572 ng
RT: 20.025 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BN024517.D
Acq: 23 Mar 2023 18:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.6	11.4#
122	10.3	15.1	22.7#

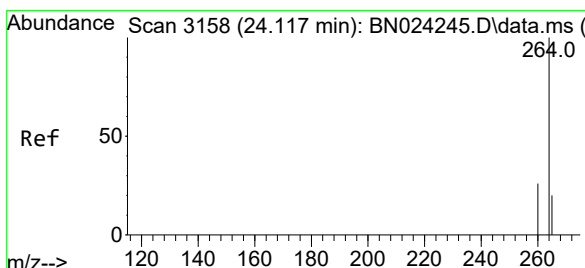
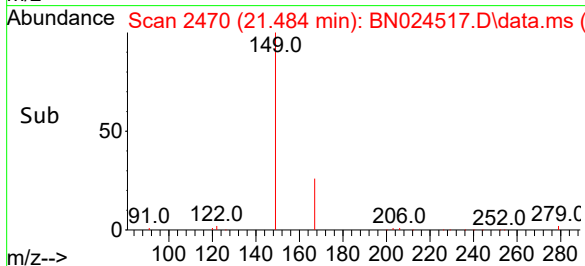
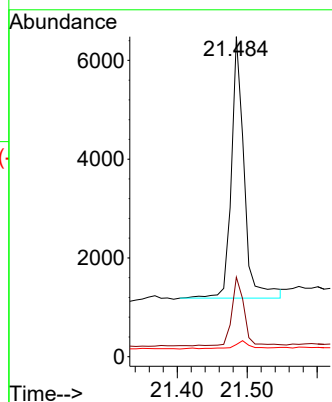
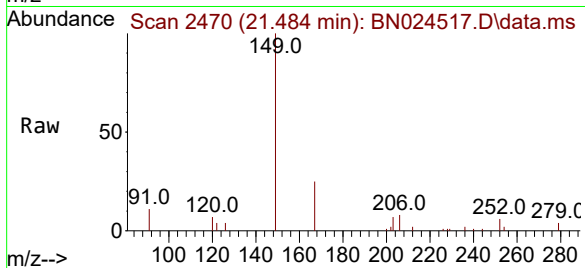




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.244 ng
 RT: 21.484 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN024517.D
 Acq: 23 Mar 2023 18:54

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230313

Tgt Ion:149 Resp: 6698
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.2 31.8
 279 3.4 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.088 min Scan# 3148
 Delta R.T. 0.006 min
 Lab File: BN024517.D
 Acq: 23 Mar 2023 18:54

Tgt Ion:264 Resp: 15011
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.4 32.2
 265 89.1 35.7 53.5#

