

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024509.D
 Acq On : 23 Mar 2023 12:07
 Operator : CG/JU
 Sample : 01903-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230310

Quant Time: Mar 24 02:36:08 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)

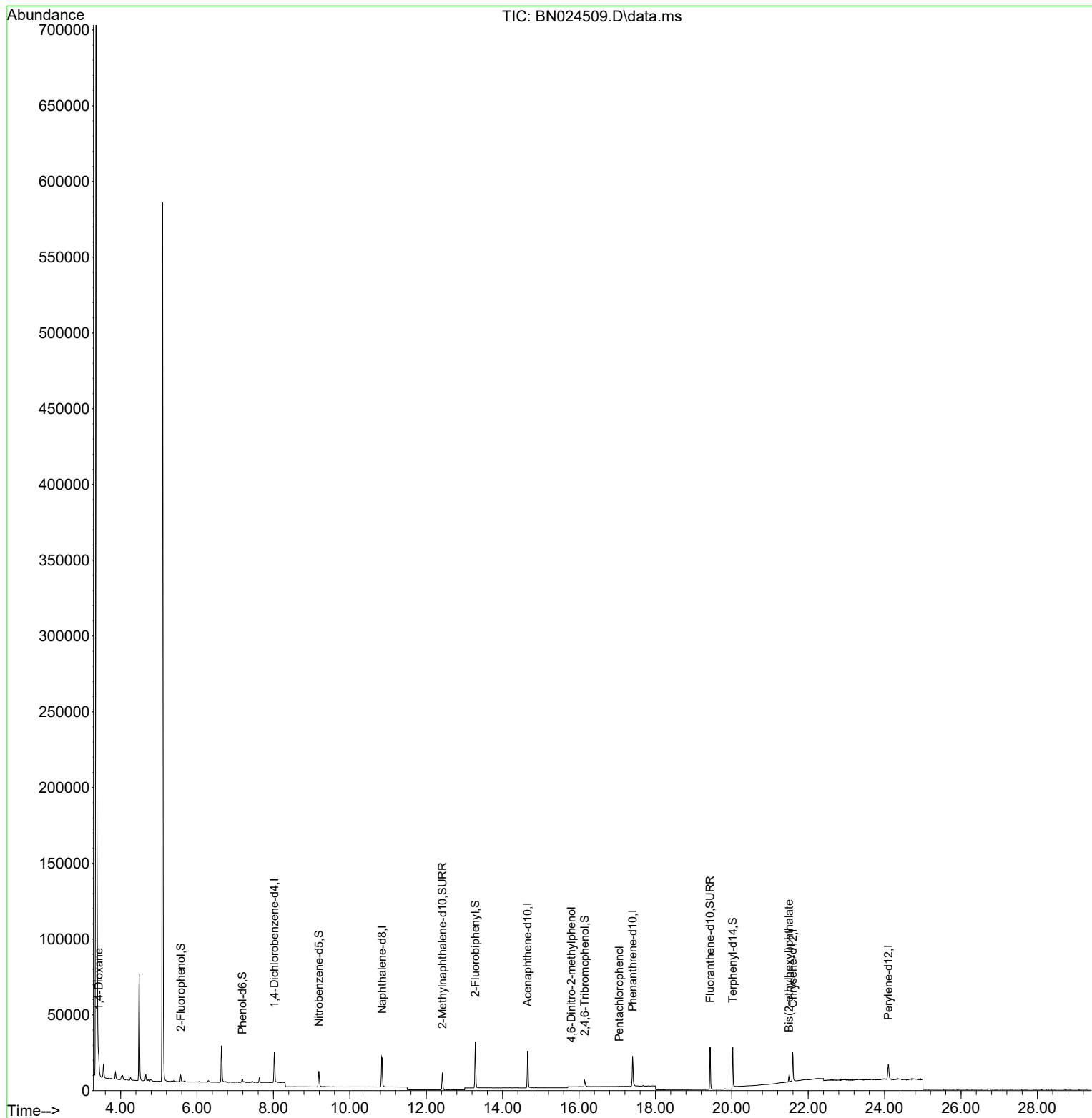
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	9894	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	28101	0.400	ng	0.01
13) Acenaphthene-d10	14.654	164	14309	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	30144	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	19068	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	16474	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3681	0.168	ng	0.00
5) Phenol-d6	7.188	99	2512	0.089	ng	0.00
8) Nitrobenzene-d5	9.190	82	8628	0.460	ng	0.00
11) 2-Methylnaphthalene-d10	12.422	152	14786	0.428	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2819	0.385	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	25600	0.474	ng	0.00
27) Fluoranthene-d10	19.433	212	30484	0.477	ng	0.00
31) Terphenyl-d14	20.025	244	19840	0.617	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	4911	0.456	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.799	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	98	0.136	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.493	149	3461	0.115	ng	# 97

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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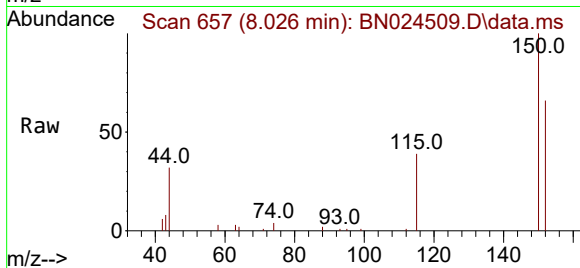
Quant Time: Mar 24 02:36:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 02:34:14 2023
Response via : Initial Calibration



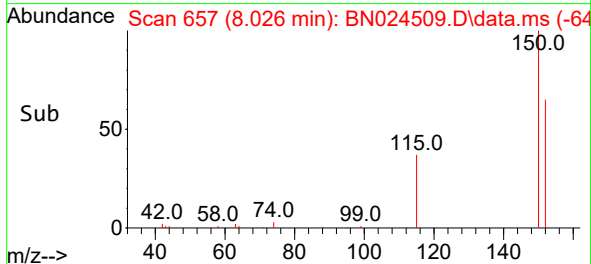
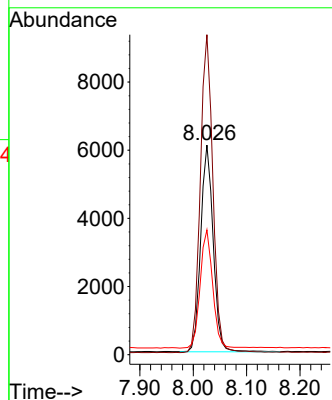


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.026 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230310

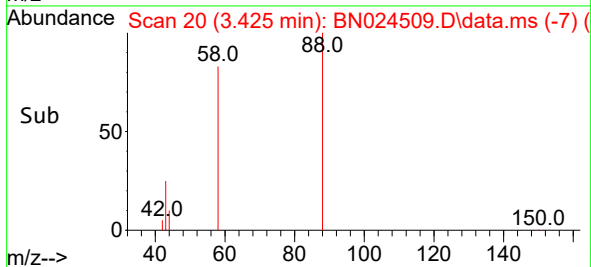
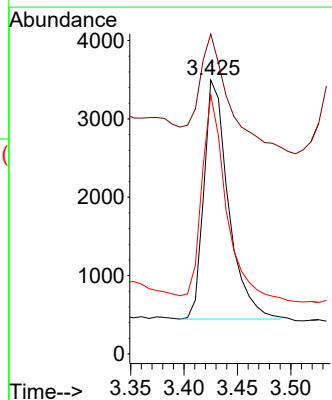
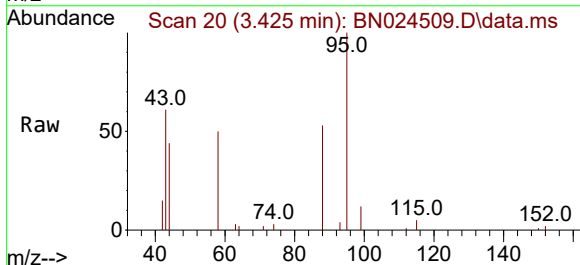


Tgt Ion:152 Resp: 9894
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.7 187.1
 115 59.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.456 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

Tgt Ion: 88 Resp: 4911
 Ion Ratio Lower Upper
 88 100
 43 53.7 29.0 43.4#
 58 81.1 67.3 100.9





#4

2-Fluorophenol

Concen: 0.168 ng

RT: 5.577 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230310

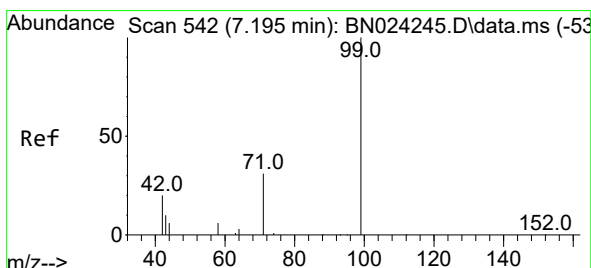
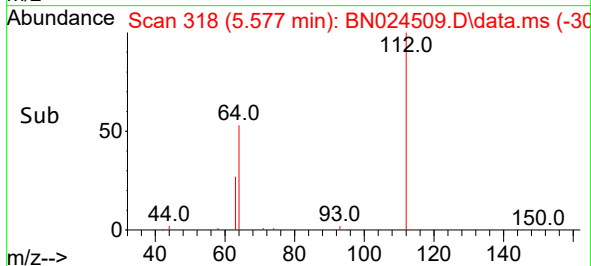
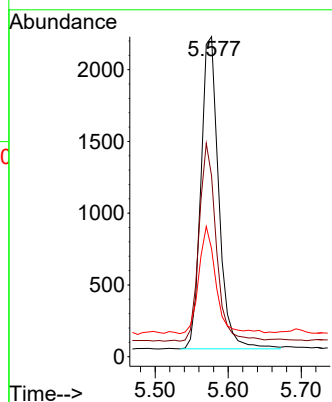
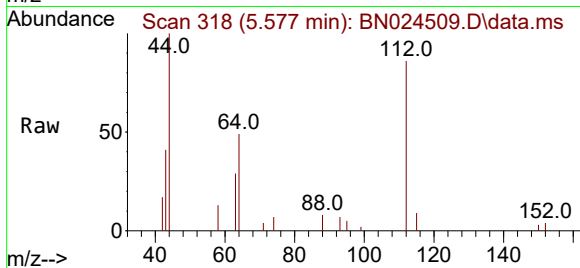
Tgt Ion:112 Resp: 3681

Ion Ratio Lower Upper

112 100

64 60.8 49.0 73.6

63 33.1 25.7 38.5



#5

Phenol-d6

Concen: 0.089 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.007 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

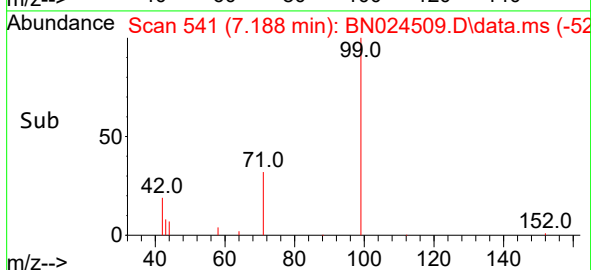
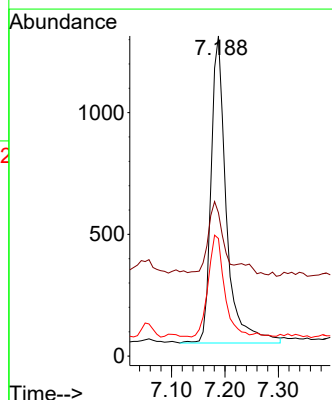
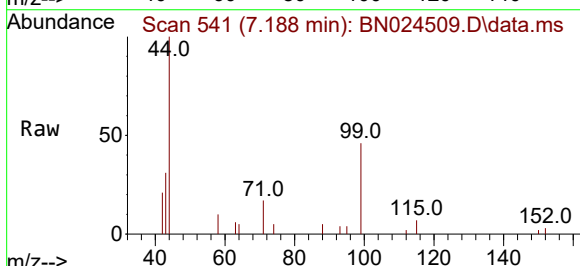
Tgt Ion: 99 Resp: 2512

Ion Ratio Lower Upper

99 100

42 20.7 20.1 30.1

71 35.5 25.8 38.8

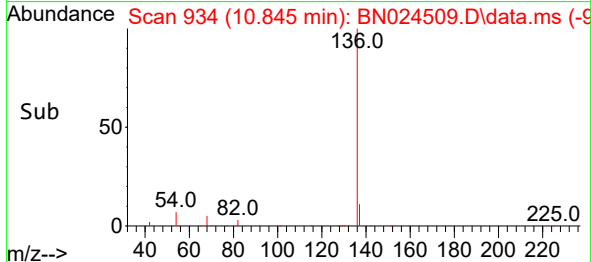
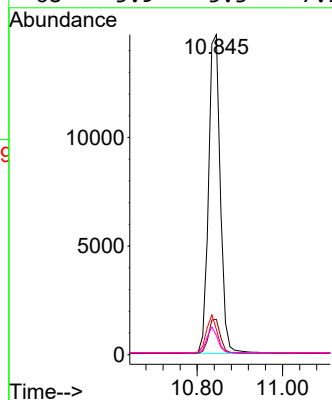
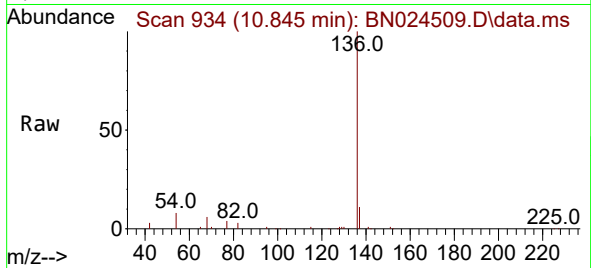




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN024509.D
Acq: 23 Mar 2023 12:07

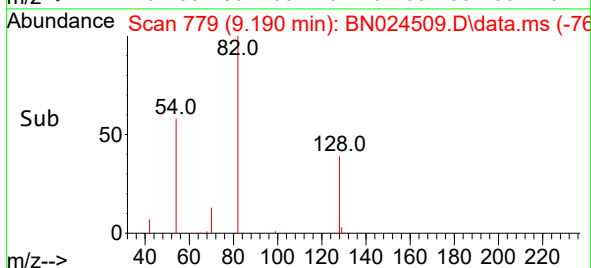
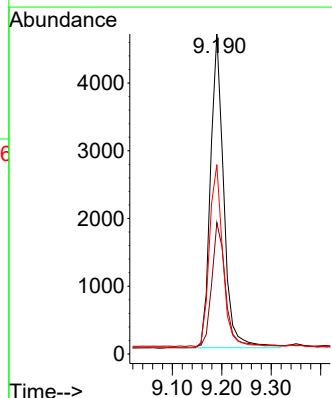
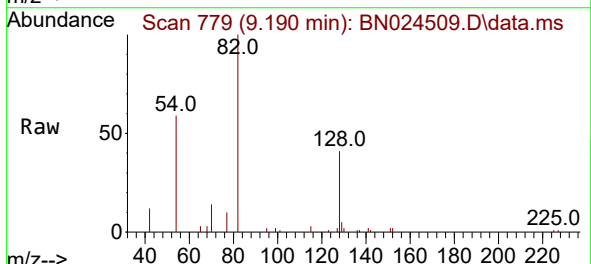
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230310

Tgt Ion:	136	Resp:	28101
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: 0.460 ng
RT: 9.190 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN024509.D
Acq: 23 Mar 2023 12:07

Tgt Ion:	82	Resp:	8628
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.4	48.6
54	59.2	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 12.422 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

Instrument :

BNA_N

ClientSampleId :

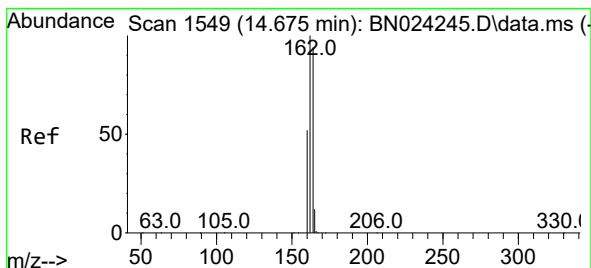
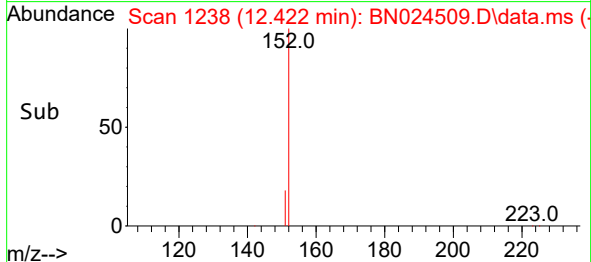
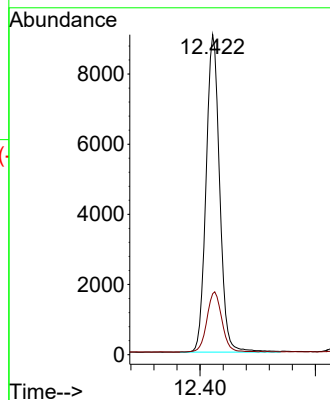
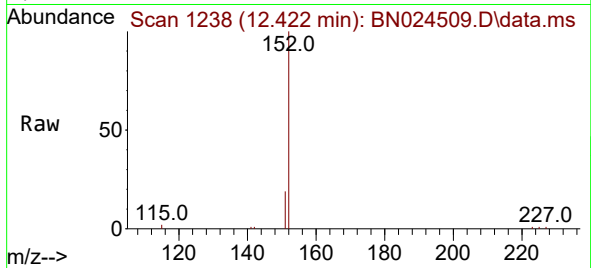
RE103D2-20230310

Tgt Ion:152 Resp: 14786

Ion Ratio Lower Upper

152 100

151 21.1 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: BN024509.D

Acq: 23 Mar 2023 12:07

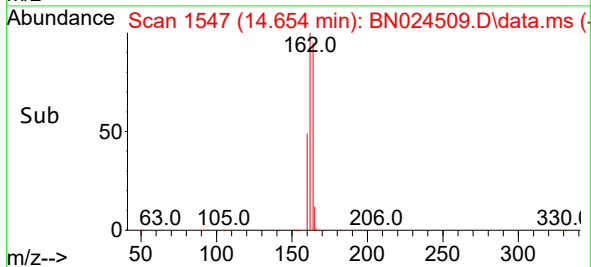
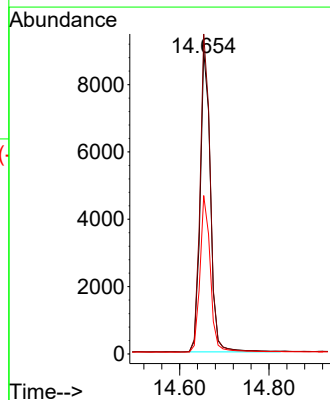
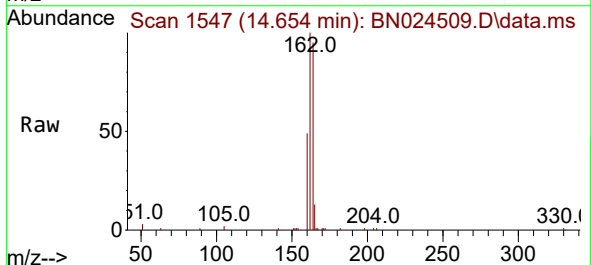
Tgt Ion:164 Resp: 14309

Ion Ratio Lower Upper

164 100

162 105.6 84.7 127.1

160 52.2 44.6 66.8

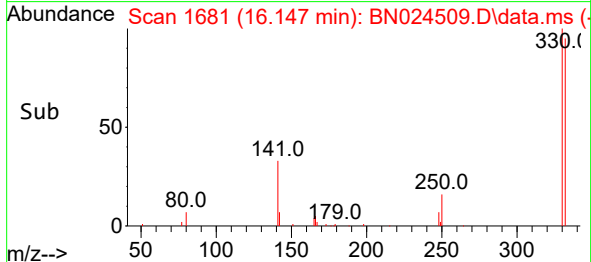
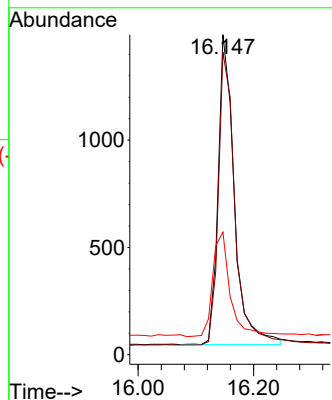
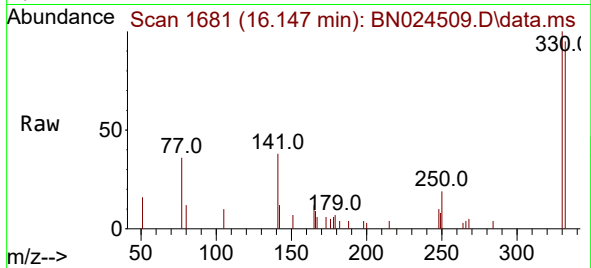




#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024509.D
Acq: 23 Mar 2023 12:07

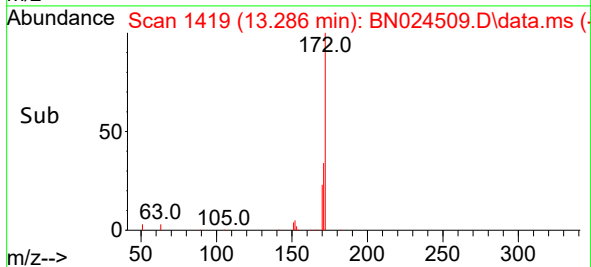
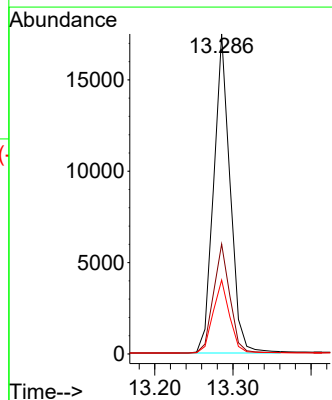
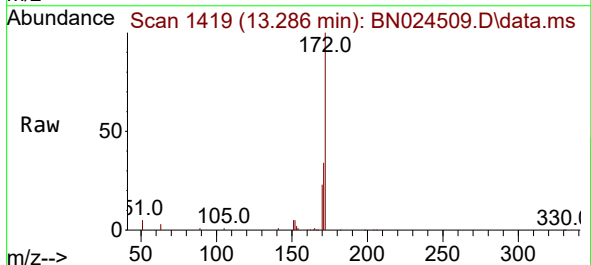
Instrument :
BNA_N
ClientSampleId :
RE103D2-20230310

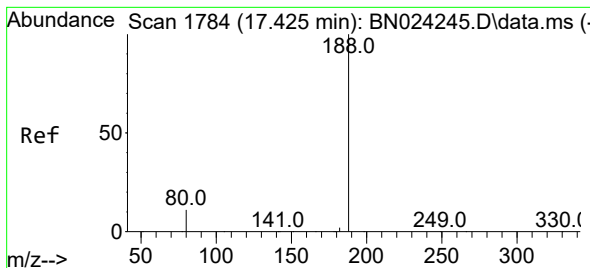
Tgt Ion:330 Resp: 2819
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 36.9 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.286 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN024509.D
Acq: 23 Mar 2023 12:07

Tgt Ion:172 Resp: 25600
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.1 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230310

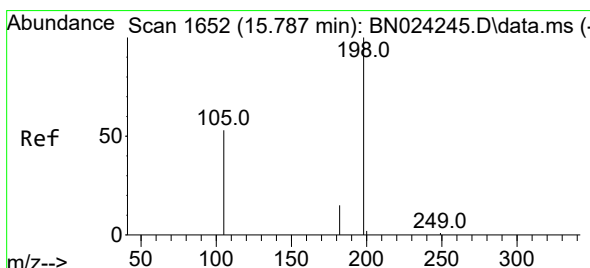
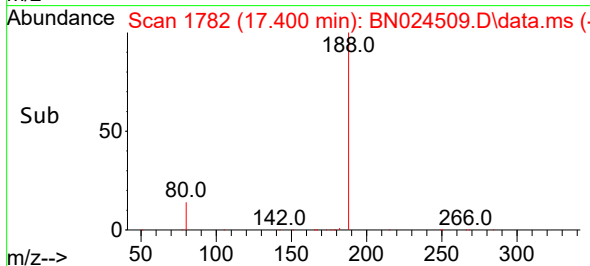
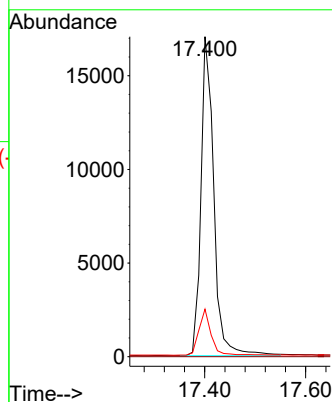
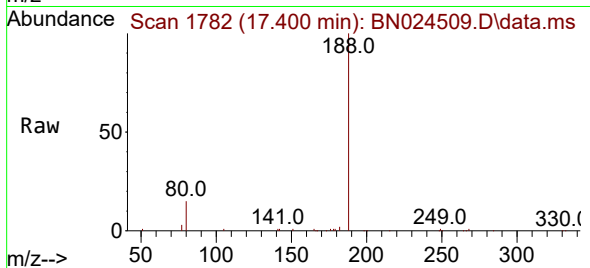
Tgt Ion:188 Resp: 30144

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 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: BN024509.D

Acq: 23 Mar 2023 12:07

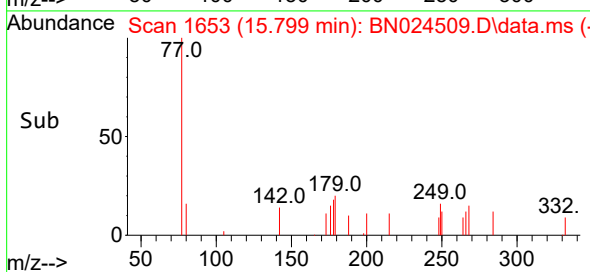
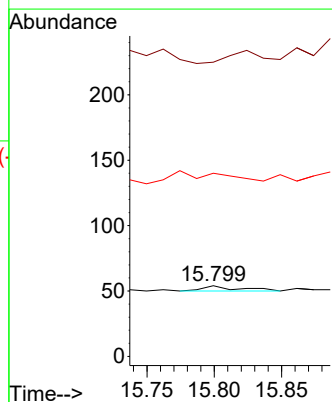
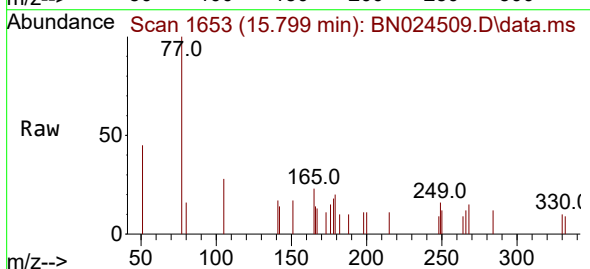
Tgt Ion:198 Resp: 7

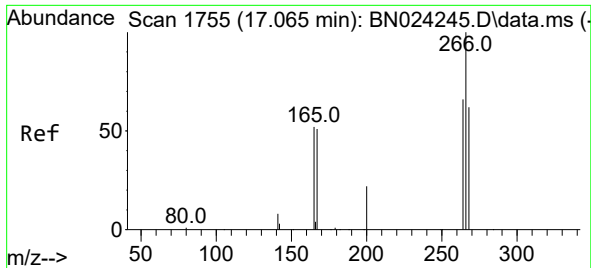
Ion Ratio Lower Upper

198 100

51 416.7 68.2 102.2#

105 259.3 51.6 77.4#

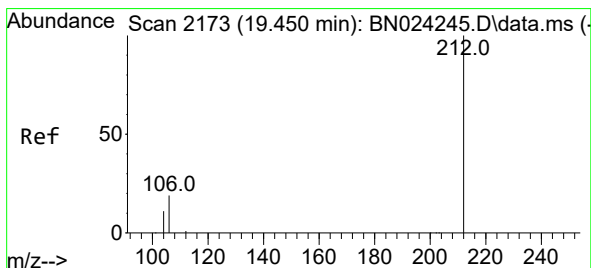
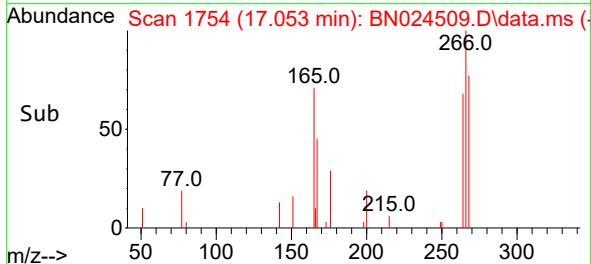
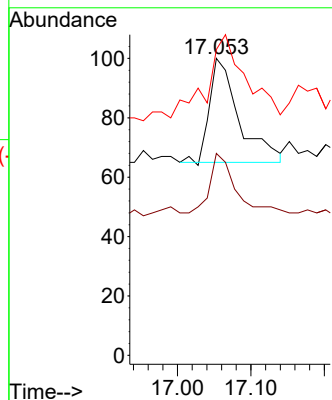
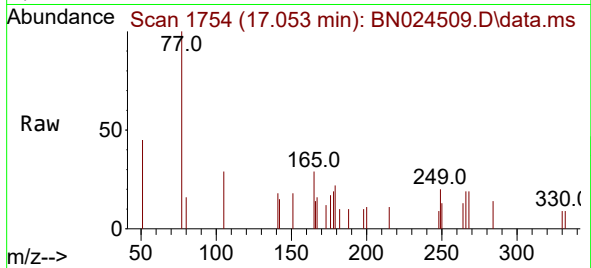




#24
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 17.053 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

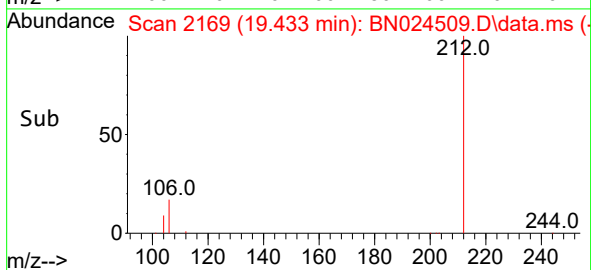
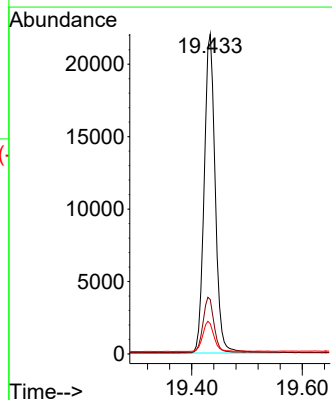
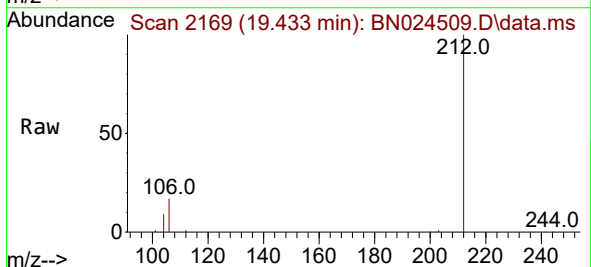
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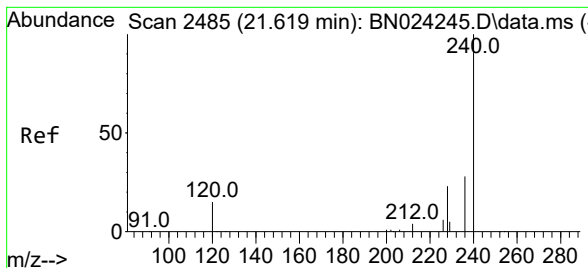
Tgt Ion:266 Resp: 98
 Ion Ratio Lower Upper
 266 100
 264 48.0 51.1 76.7#
 268 103.1 52.2 78.4#



#27
 Fluoranthene-d10
 Concen: 0.477 ng
 RT: 19.433 min Scan# 2169
 Delta R.T. 0.004 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

Tgt Ion:212 Resp: 30484
 Ion Ratio Lower Upper
 212 100
 106 17.3 15.4 23.2
 104 9.5 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. -0.009 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

Instrument :

BNA_N

ClientSampleId :

RE103D2-20230310

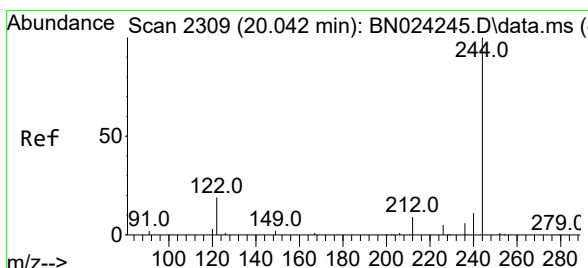
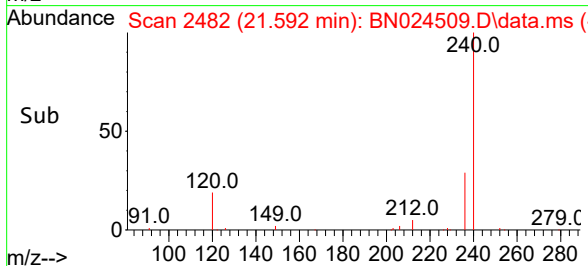
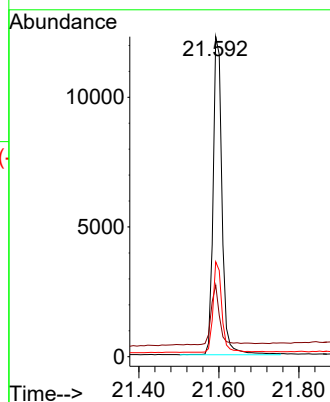
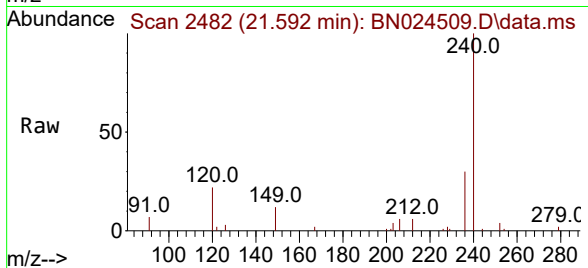
Tgt Ion:240 Resp: 19068

Ion Ratio Lower Upper

240 100

120 22.4 12.8 19.2#

236 29.6 22.5 33.7



#31

Terphenyl-d14

Concen: 0.617 ng

RT: 20.025 min Scan# 2307

Delta R.T. -0.000 min

Lab File: BN024509.D

Acq: 23 Mar 2023 12:07

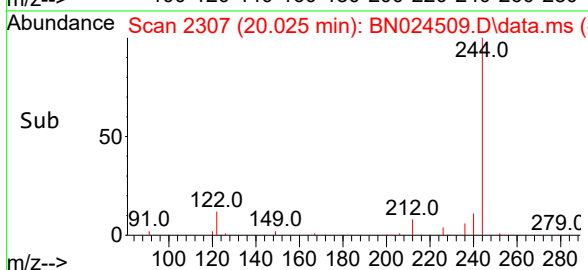
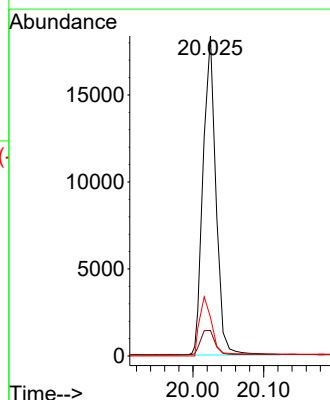
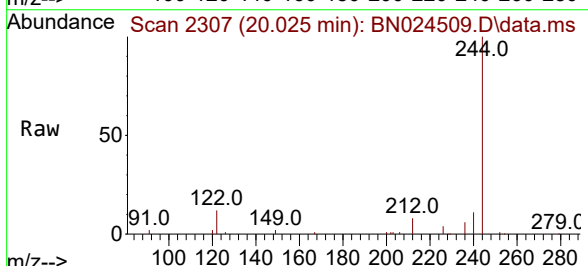
Tgt Ion:244 Resp: 19840

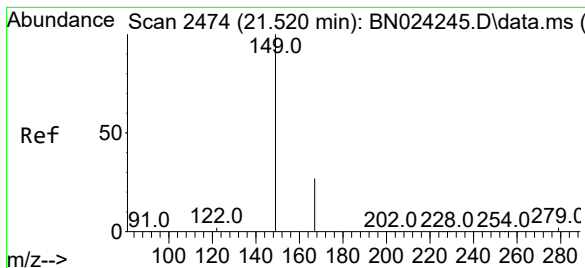
Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

122 12.1 15.1 22.7#

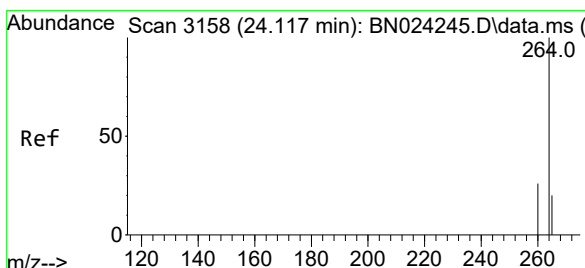
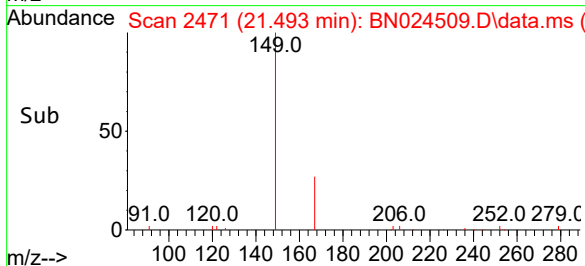
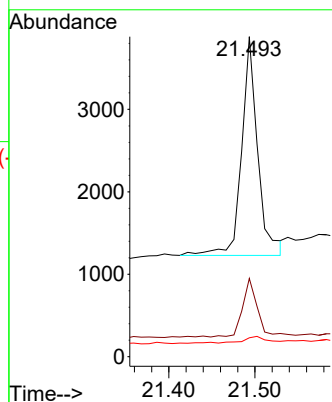
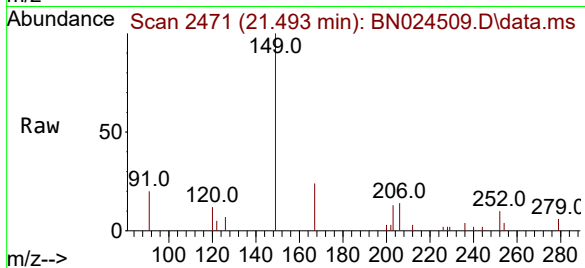




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20230310

Tgt Ion:149 Resp: 3461
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.2 31.8
 279 5.7 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.097 min Scan# 3151
 Delta R.T. 0.015 min
 Lab File: BN024509.D
 Acq: 23 Mar 2023 12:07

Tgt Ion:264 Resp: 16474
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.4 32.2
 265 85.9 35.7 53.5#

