

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
 Data File : BN024534.D
 Acq On : 24 Mar 2023 07:06
 Operator : CG/JU
 Sample : 01941-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230314

Quant Time: Mar 24 07:45:02 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 03:05:57 2023
 Response via : Initial Calibration

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

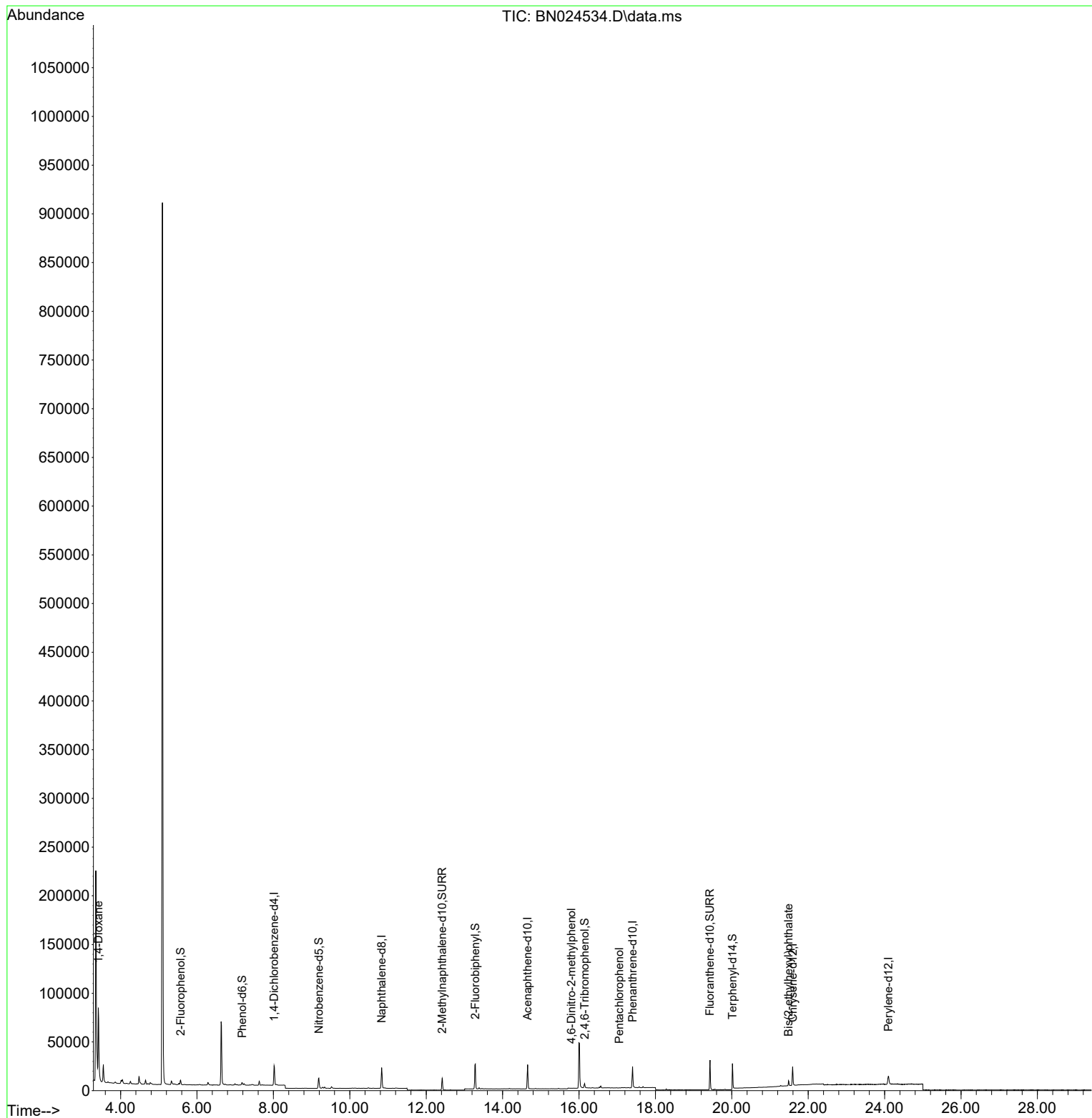
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.018	152	9482	0.400	ng	0.00
7) Naphthalene-d8	10.834	136	27051	0.400	ng	# 0.00
13) Acenaphthene-d10	14.654	164	13553	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	29390	0.400	ng	0.00
29) Chrysene-d12	21.592	240	18704	0.400	ng	0.00
35) Perylene-d12	24.100	264	15301	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	3932	0.187	ng	0.00
5) Phenol-d6	7.181	99	2594	0.096	ng	0.00
8) Nitrobenzene-d5	9.190	82	9418	0.521	ng	0.00
11) 2-Methylnaphthalene-d10	12.418	152	16002	0.481	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2758	0.398	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	24143	0.472	ng	0.00
27) Fluoranthene-d10	19.429	212	31927	0.512	ng	0.00
31) Terphenyl-d14	20.016	244	18767	0.595	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.418	88	45912	4.450	ng	99
20) 4,6-Dinitro-2-methylph...	15.799	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	42	0.132	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.485	149	5230	0.178	ng	# 97

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

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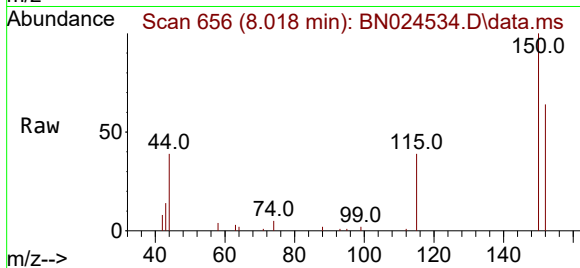
Quant Time: Mar 24 07:45:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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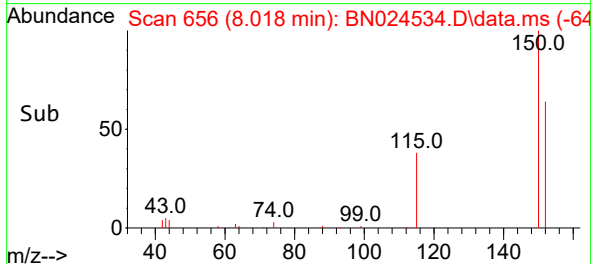
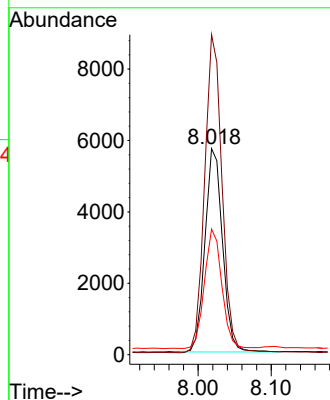


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.018 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN024534.D
 Acq: 24 Mar 2023 07:06

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20230314

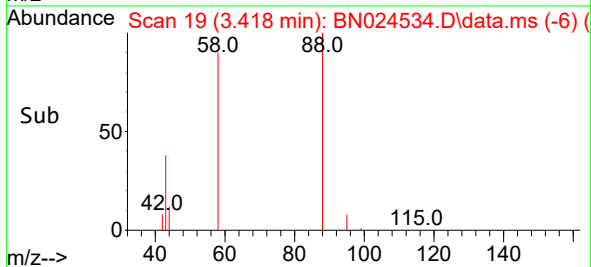
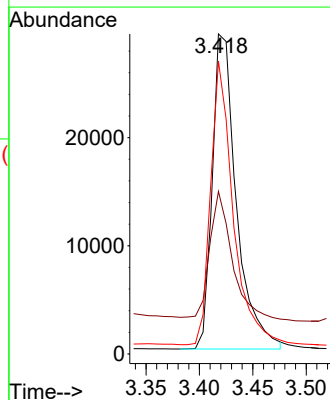
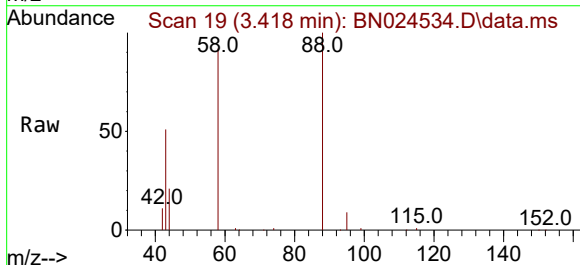


Tgt Ion: 152 Resp: 9482
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 61.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.450 ng
 RT: 3.418 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN024534.D
 Acq: 24 Mar 2023 07:06

Tgt Ion: 88 Resp: 45912
 Ion Ratio Lower Upper
 88 100
 43 37.5 29.0 43.4
 58 83.8 67.3 100.9

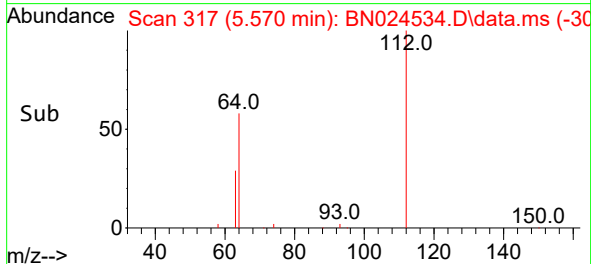
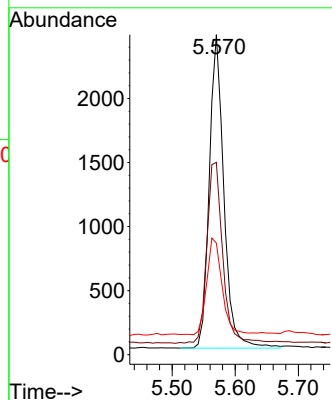
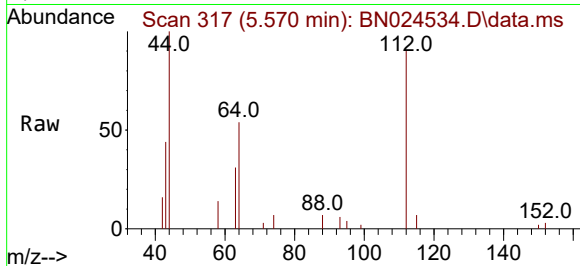




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.570 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

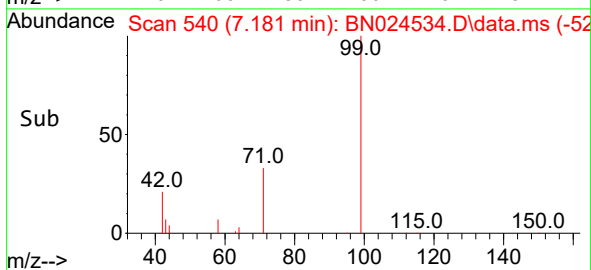
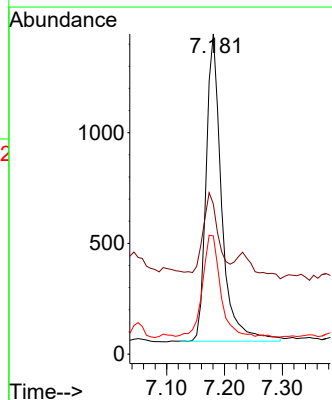
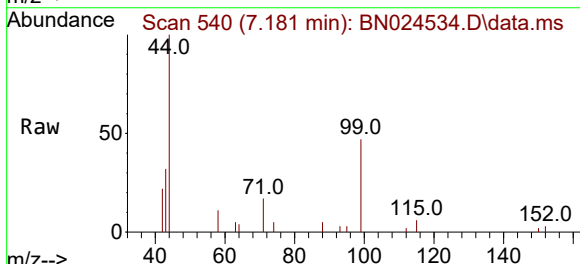
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230314

Tgt Ion:112 Resp: 3932
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.6
63 31.8 25.7 38.5



#5
Phenol-d6
Concen: 0.096 ng
RT: 7.181 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

Tgt Ion: 99 Resp: 2594
Ion Ratio Lower Upper
99 100
42 25.6 20.1 30.1
71 37.5 25.8 38.8

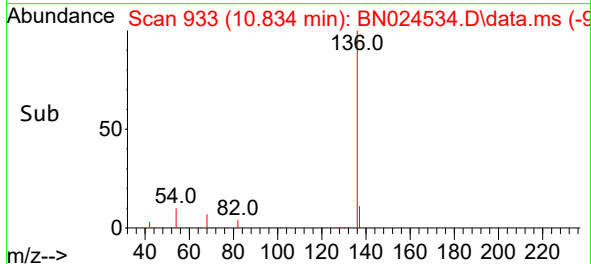
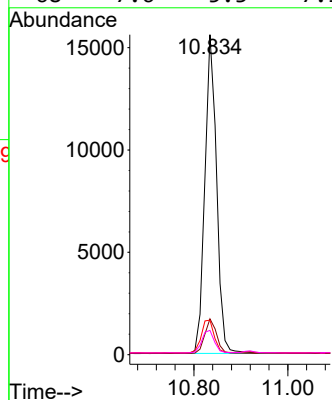
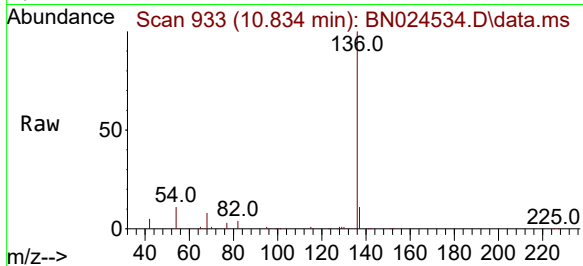




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.834 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

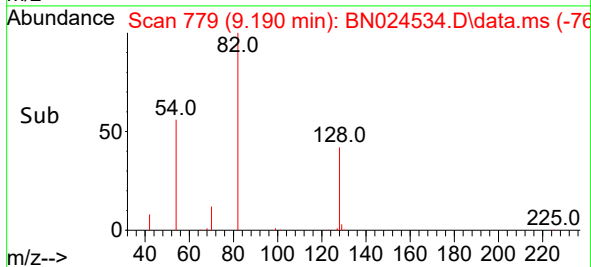
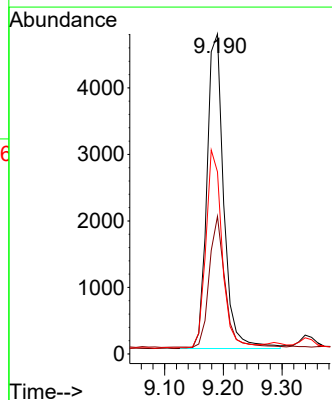
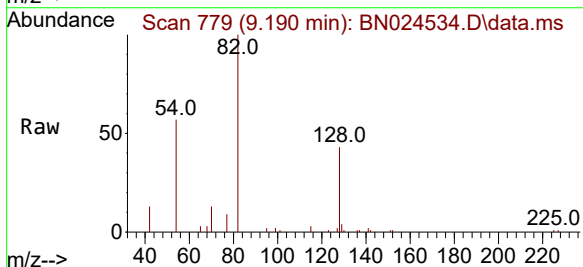
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230314

Tgt Ion:	136	Resp:	27051
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	10.8	7.1	10.7#
68	7.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.521 ng
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

Tgt Ion:	82	Resp:	9418
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.4	48.6
54	56.9	45.2	67.8

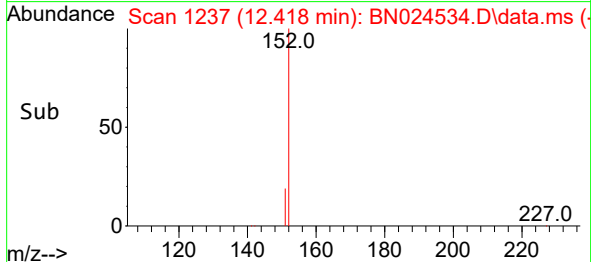
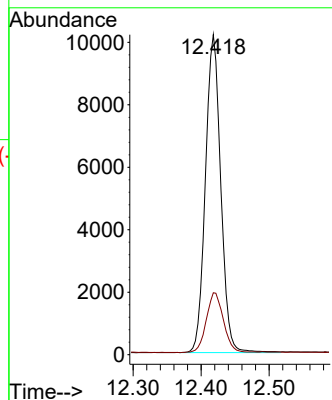
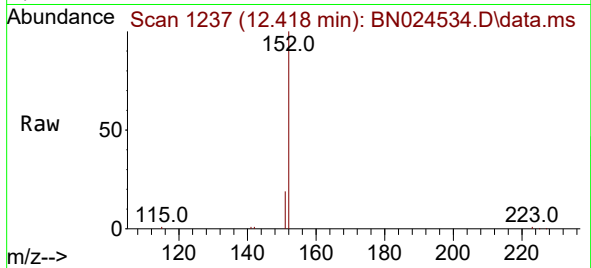




#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

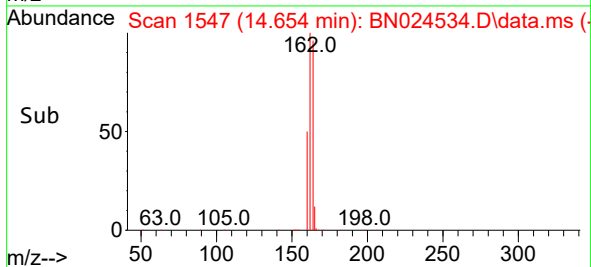
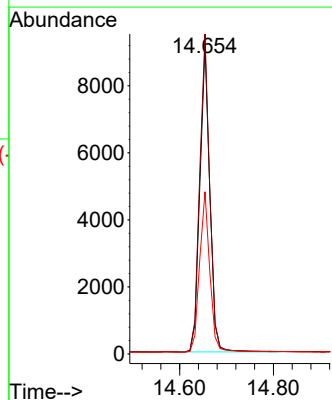
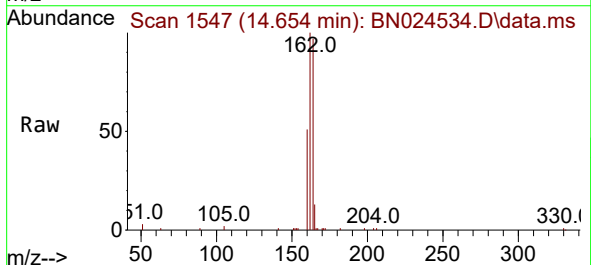
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230314

Tgt Ion:152 Resp: 16002
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: BN024534.D
Acq: 24 Mar 2023 07:06

Tgt Ion:164 Resp: 13553
Ion Ratio Lower Upper
164 100
162 103.5 84.7 127.1
160 52.5 44.6 66.8

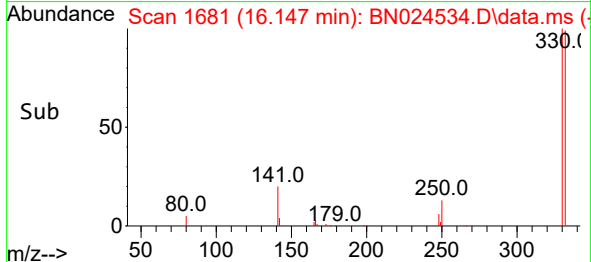
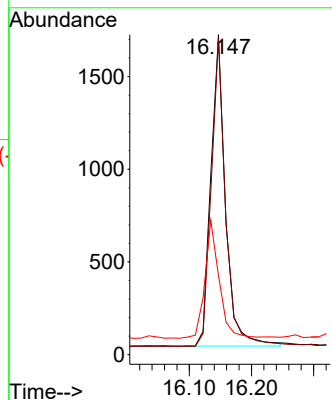
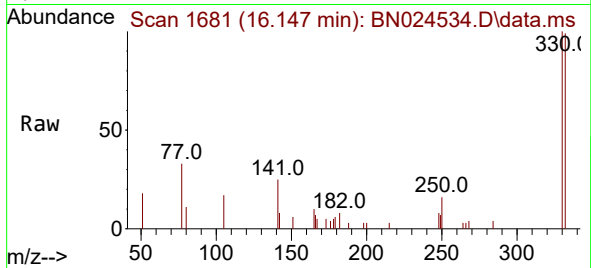




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

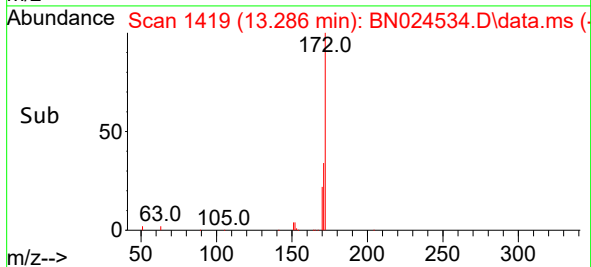
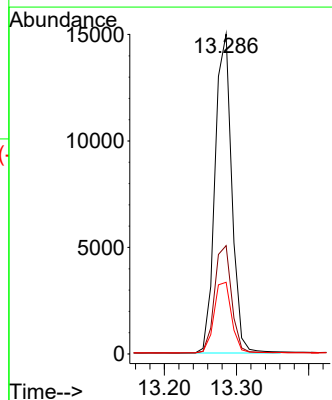
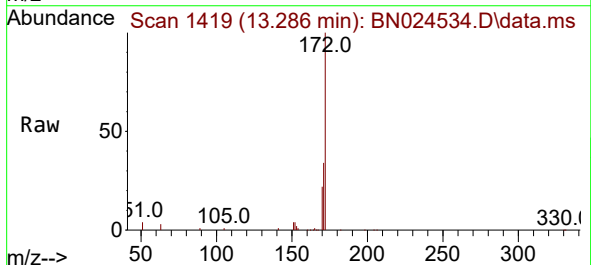
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230314

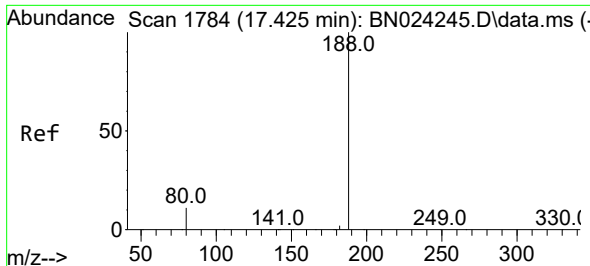
Tgt Ion:330 Resp: 2758
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 36.9 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.286 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

Tgt Ion:172 Resp: 24143
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 22.4 19.0 28.6

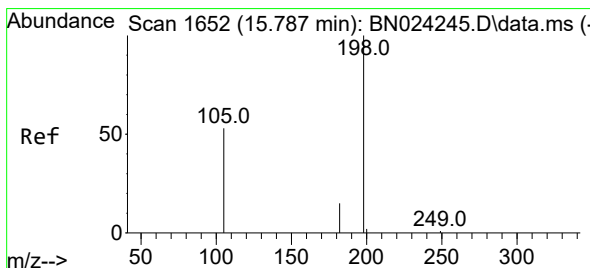
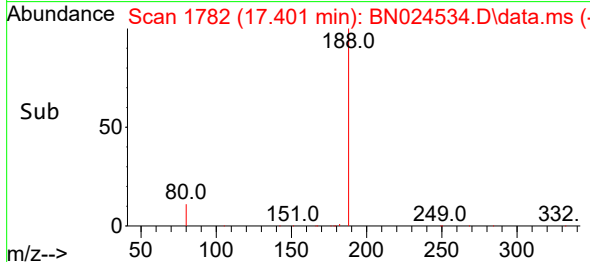
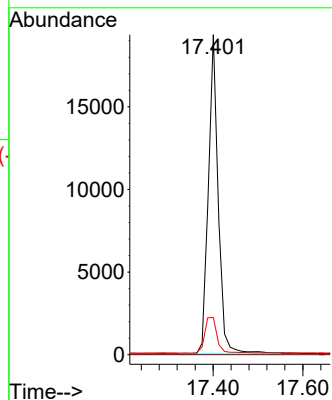
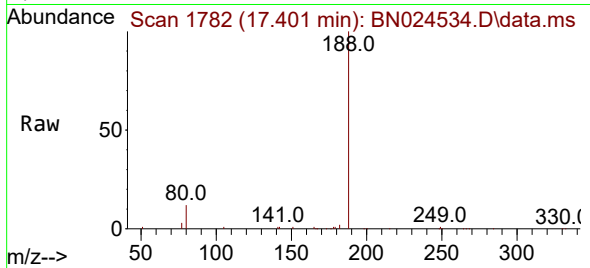




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024534.D
Acq: 24 Mar 2023 07:06

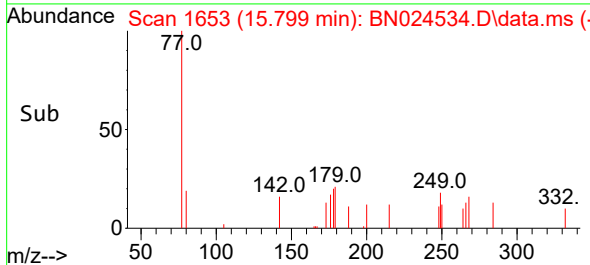
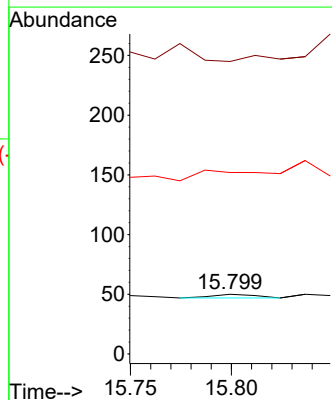
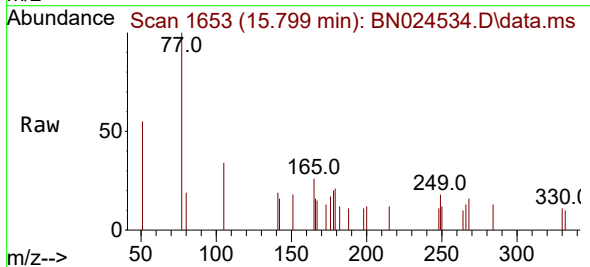
Instrument :
BNA_N
ClientSampleId :
RE114D2-20230314

Tgt Ion:188 Resp: 29390
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 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: BN024534.D
Acq: 24 Mar 2023 07:06

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 490.0 68.2 102.2#
105 304.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.053 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

Instrument :

BNA_N

ClientSampleId :

RE114D2-20230314

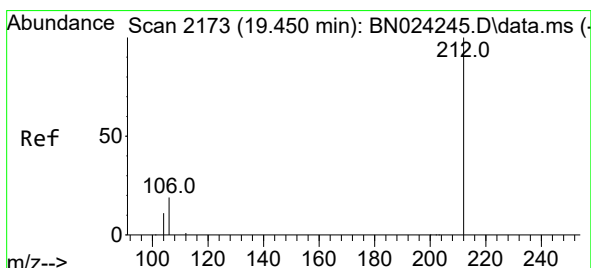
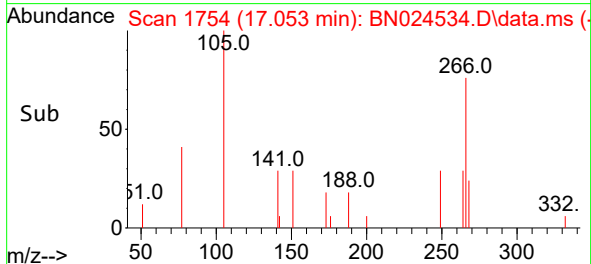
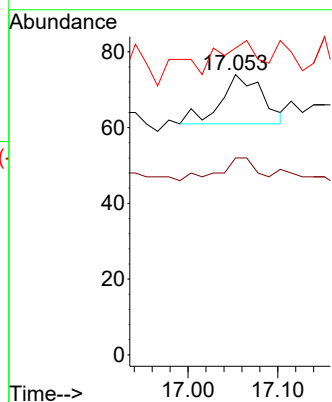
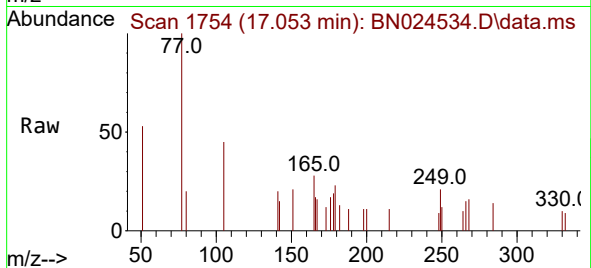
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 38.1 51.1 76.7#

268 61.9 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.512 ng

RT: 19.429 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

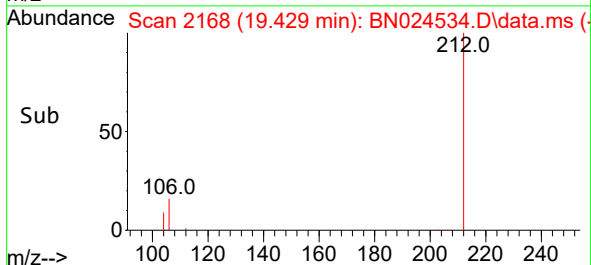
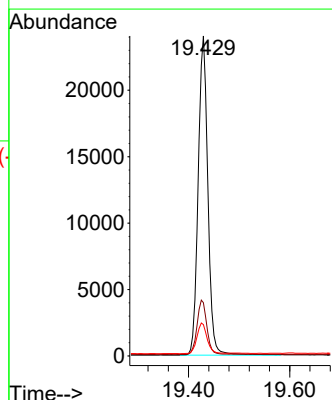
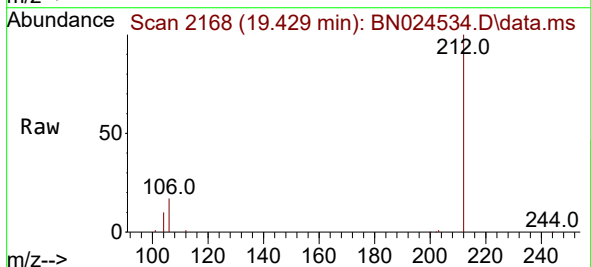
Tgt Ion:212 Resp: 31927

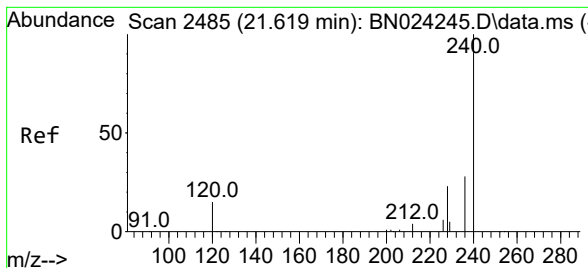
Ion Ratio Lower Upper

212 100

106 17.3 15.4 23.2

104 10.1 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: BN024534.D

Acq: 24 Mar 2023 07:06

Instrument :

BNA_N

ClientSampleId :

RE114D2-20230314

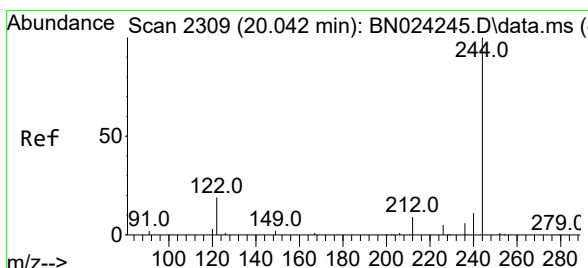
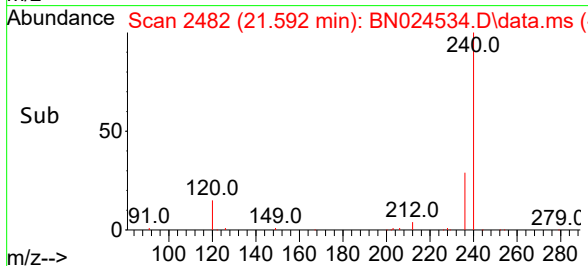
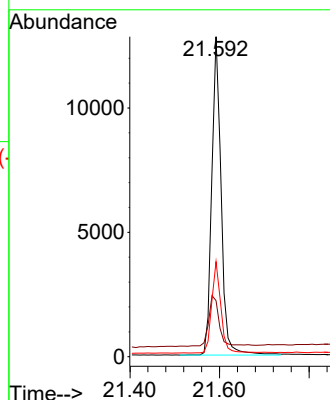
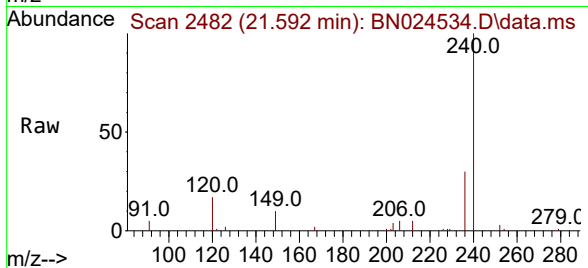
Tgt Ion:240 Resp: 18704

Ion Ratio Lower Upper

240 100

120 17.5 12.8 19.2

236 29.7 22.5 33.7



#31

Terphenyl-d14

Concen: 0.595 ng

RT: 20.016 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

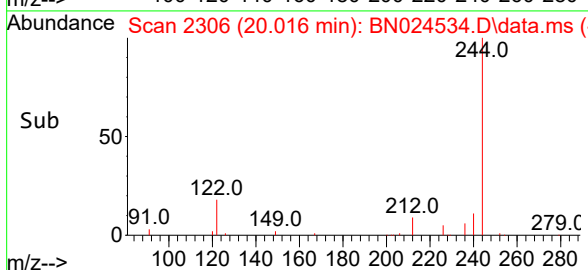
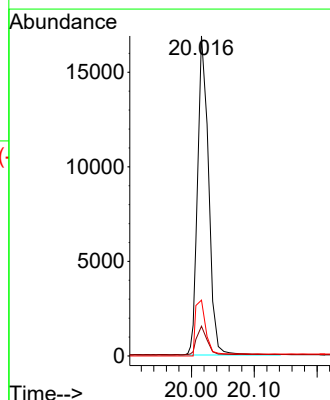
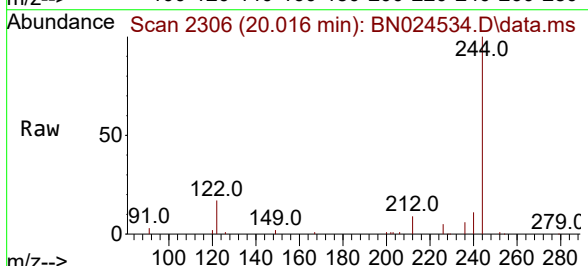
Tgt Ion:244 Resp: 18767

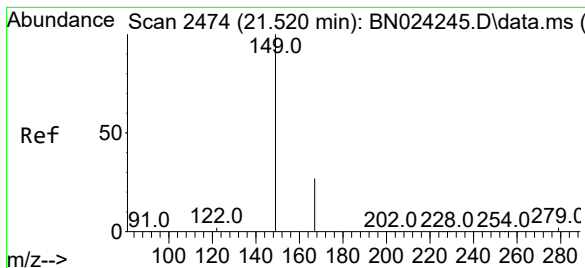
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.5 15.1 22.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.178 ng

RT: 21.485 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

Instrument :

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RE114D2-20230314

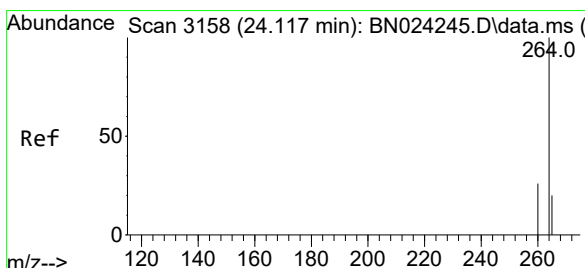
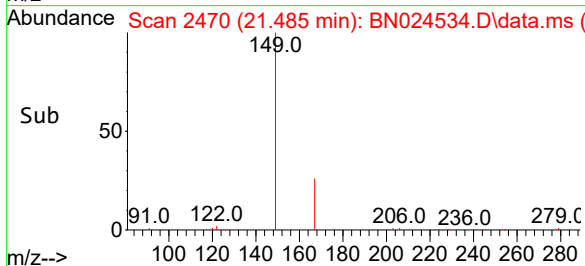
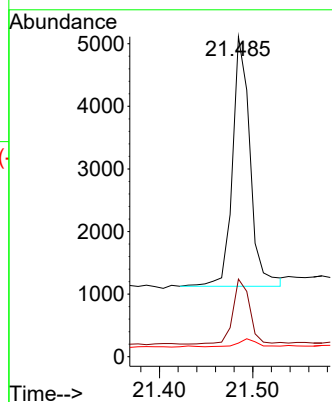
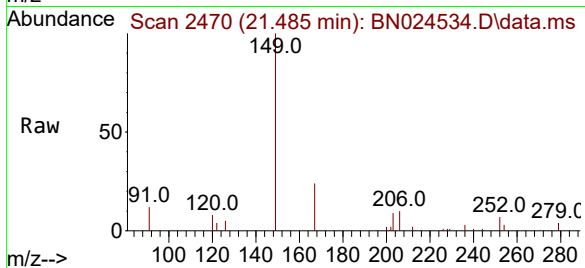
Tgt Ion:149 Resp: 5230

Ion Ratio Lower Upper

149 100

167 24.8 21.2 31.8

279 3.5 1.8 2.8#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.100 min Scan# 3152

Delta R.T. 0.021 min

Lab File: BN024534.D

Acq: 24 Mar 2023 07:06

Tgt Ion:264 Resp: 15301

Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 88.7 35.7 53.5#

