

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024267.D
 Acq On : 14 Mar 2023 06:23
 Operator : CG/JU
 Sample : 01849-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-37.0-030823

Quant Time: Mar 14 06:53:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

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

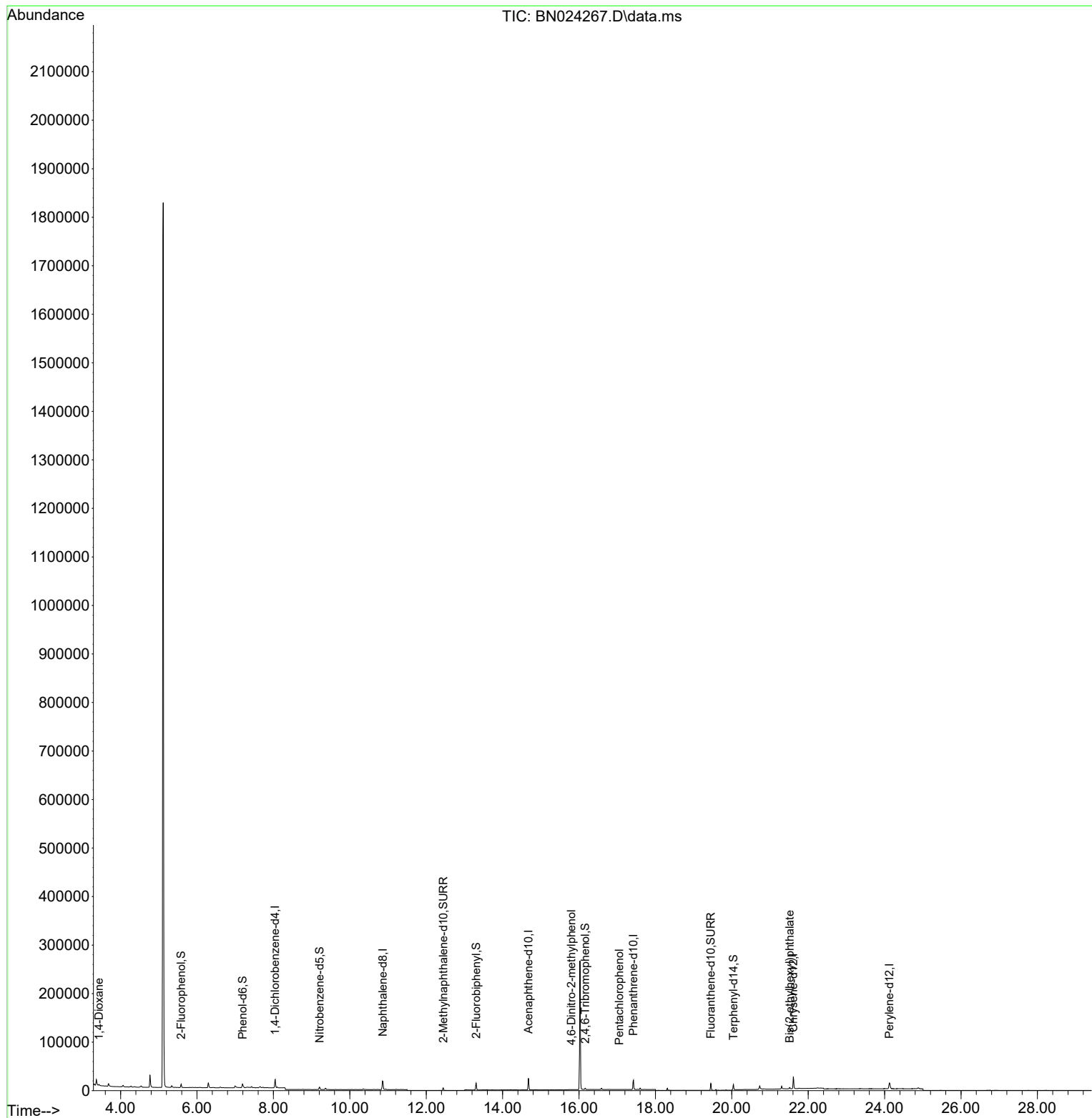
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8326	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	24520	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	12794	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	26606	0.400	ng	0.00
29) Chrysene-d12	21.610	240	22660	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	20137	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	5331	0.289	ng	0.00
5) Phenol-d6	7.195	99	6960	0.294	ng	0.00
8) Nitrobenzene-d5	9.211	82	3965	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	7425	0.246	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1336	0.204	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	11272	0.233	ng	0.00
27) Fluoranthene-d10	19.450	212	14276	0.253	ng	0.00
31) Terphenyl-d14	20.043	244	8886	0.233	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	1509	0.167	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.799	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.053	266	9	0.129	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.511	149	2976	0.084	ng	# 96

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

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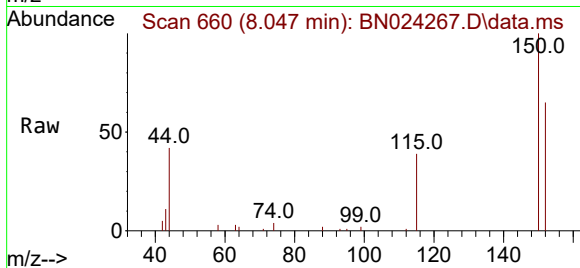
Quant Time: Mar 14 06:53:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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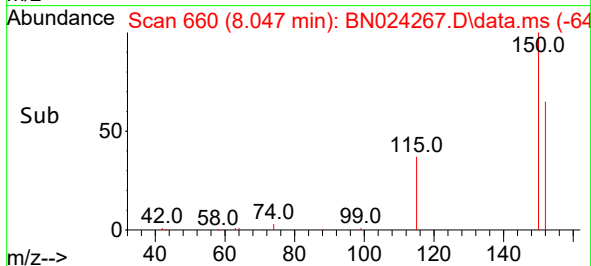
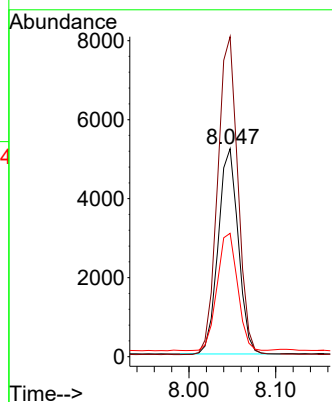


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN024267.D
 Acq: 14 Mar 2023 06:23

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-37.0-030823

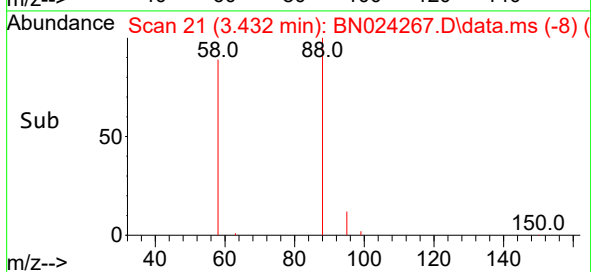
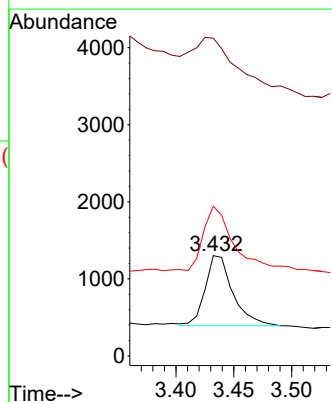
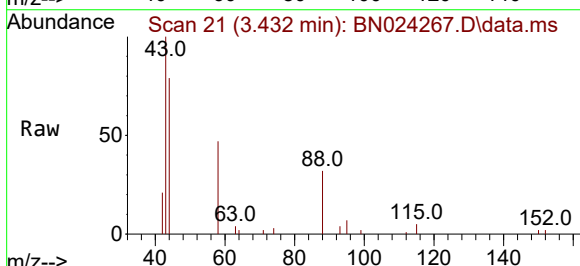


Tgt Ion:152 Resp: 8326
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.7 187.1
 115 59.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.167 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024267.D
 Acq: 14 Mar 2023 06:23

Tgt Ion: 88 Resp: 1509
 Ion Ratio Lower Upper
 88 100
 43 103.6 29.0 43.4#
 58 96.0 67.3 100.9

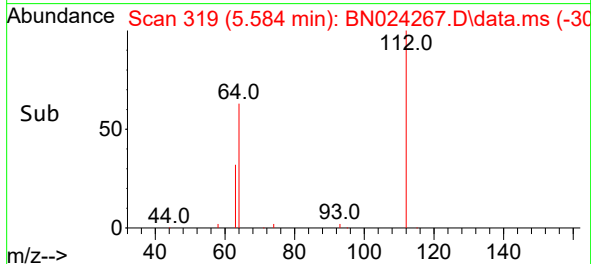
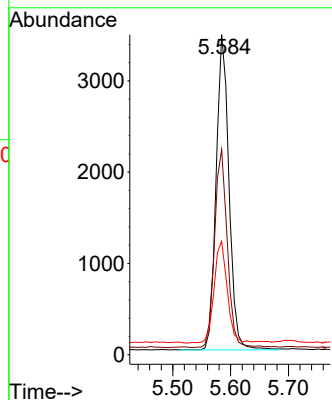
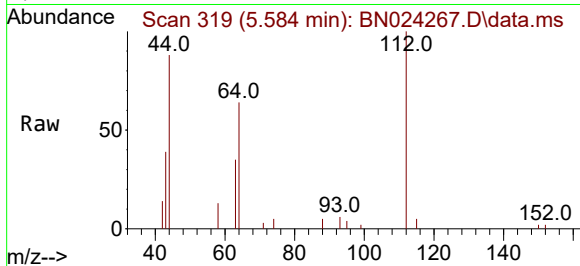




#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

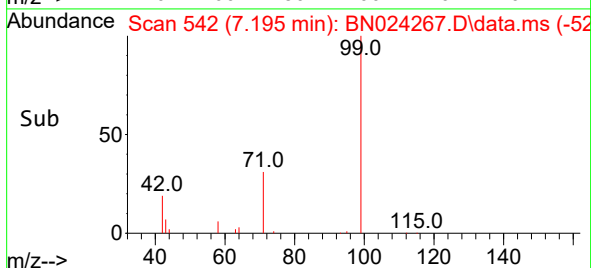
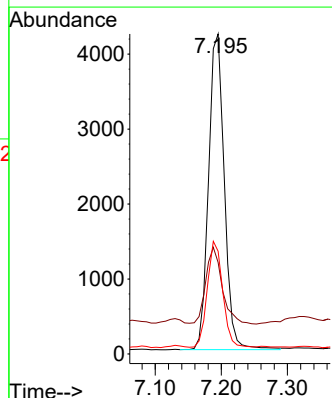
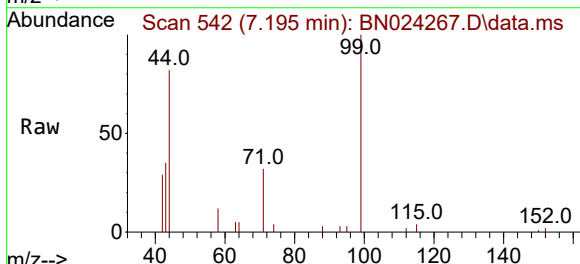
Instrument :
BNA_N
ClientSampleId :
CB-10-37.0-030823

Tgt Ion: 112 Resp: 5331
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.6
63 33.0 25.7 38.5



#5
Phenol-d6
Concen: 0.294 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

Tgt Ion: 99 Resp: 6960
Ion Ratio Lower Upper
99 100
42 25.2 20.1 30.1
71 32.7 25.8 38.8

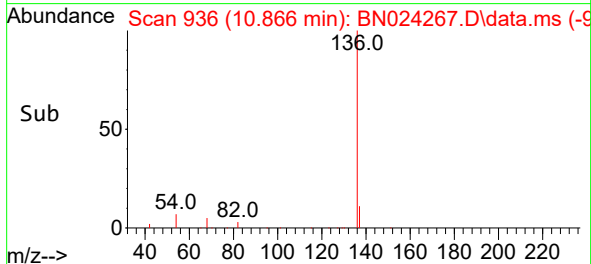
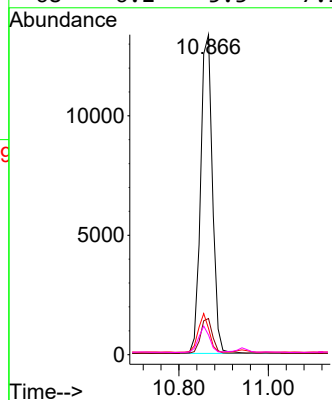
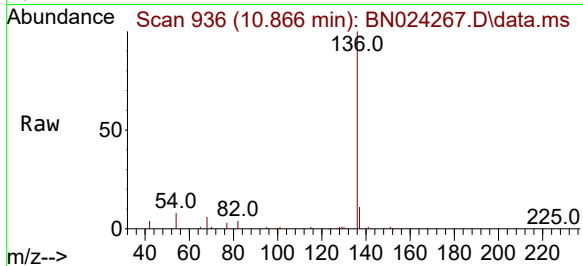




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

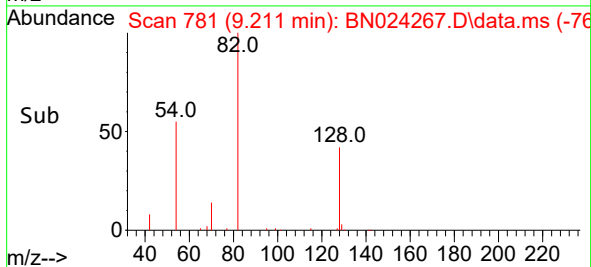
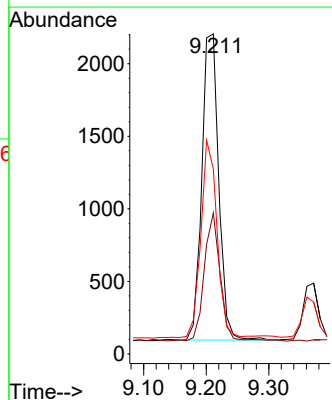
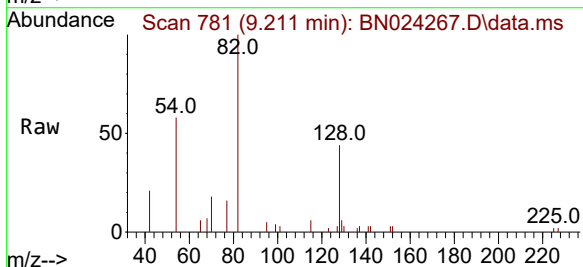
Instrument :
BNA_N
ClientSampleId :
CB-10-37.0-030823

Tgt Ion:	136	Resp:	24520
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	7.1	10.7
68	6.2	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

Tgt Ion:	82	Resp:	3965
Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.4	48.6
54	57.8	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 12.444 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024267.D

Acq: 14 Mar 2023 06:23

Instrument :

BNA_N

ClientSampleId :

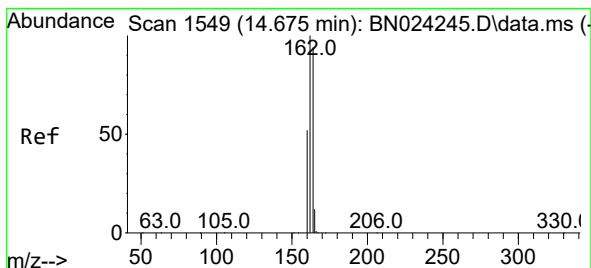
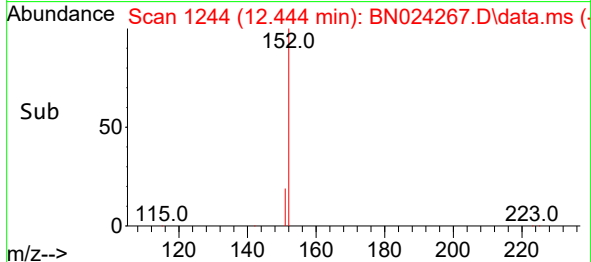
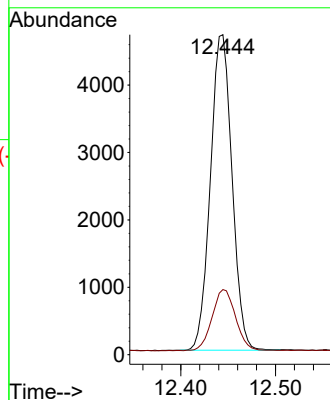
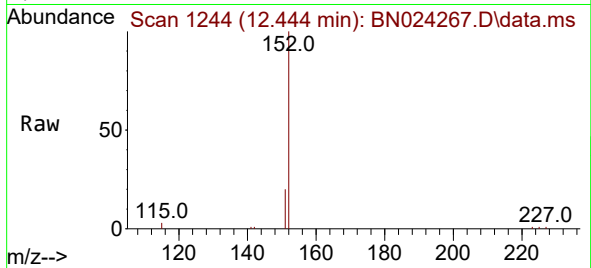
CB-10-37.0-030823

Tgt Ion:152 Resp: 7425

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN024267.D

Acq: 14 Mar 2023 06:23

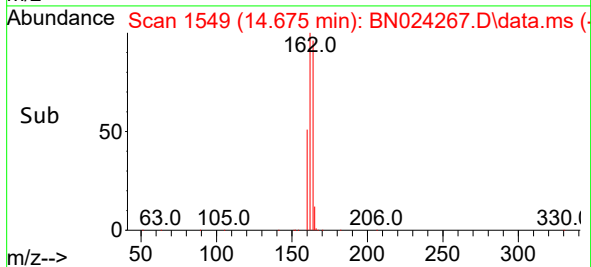
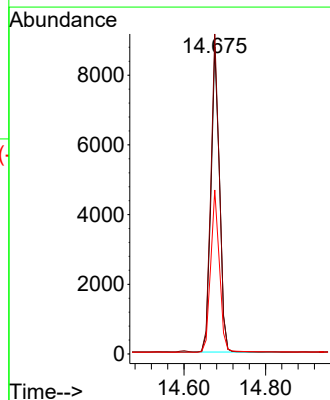
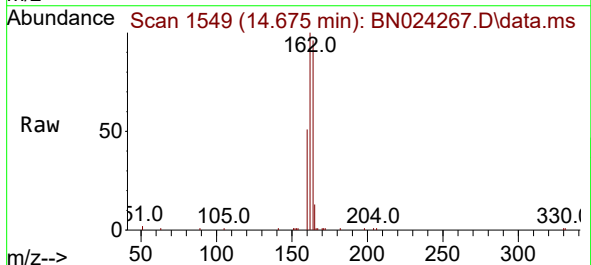
Tgt Ion:164 Resp: 12794

Ion Ratio Lower Upper

164 100

162 104.2 84.7 127.1

160 53.4 44.6 66.8

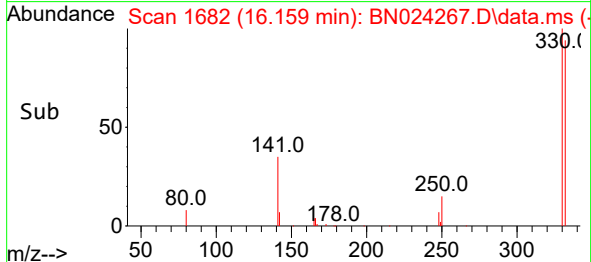
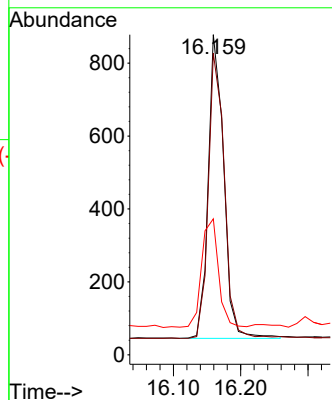
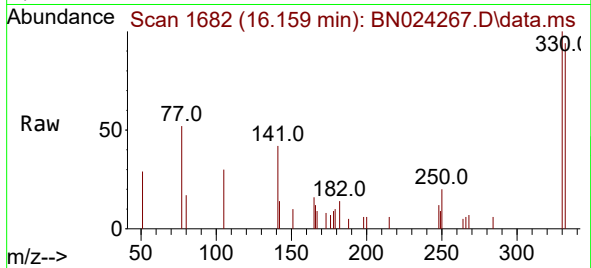




#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

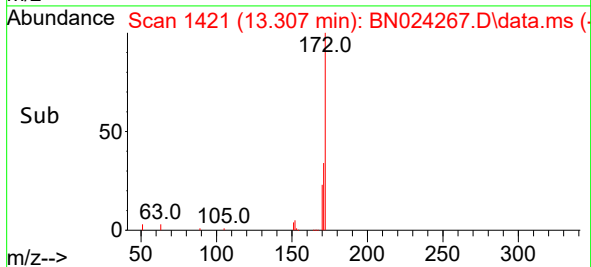
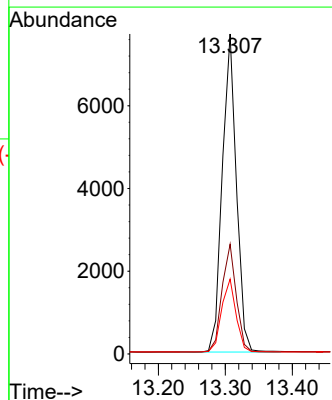
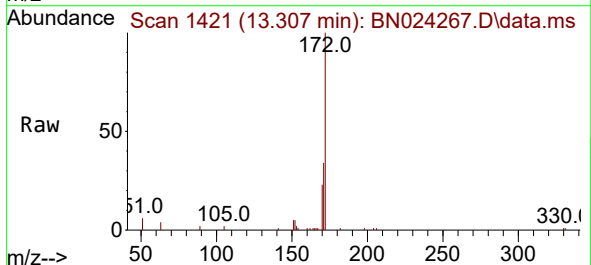
Instrument :
BNA_N
ClientSampleId :
CB-10-37.0-030823

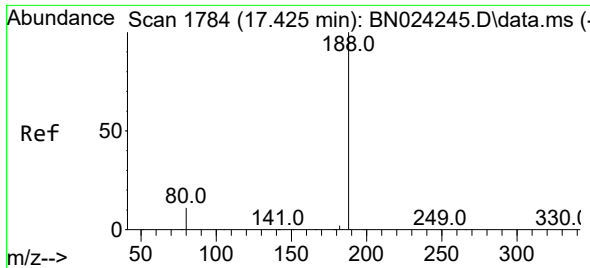
Tgt Ion: 330 Resp: 1336
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 38.3 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

Tgt Ion: 172 Resp: 11272
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.4 19.0 28.6

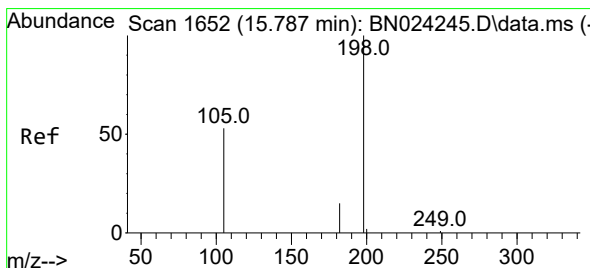
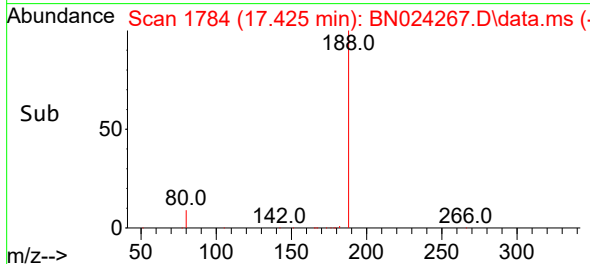
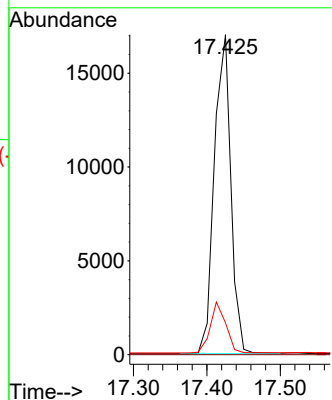
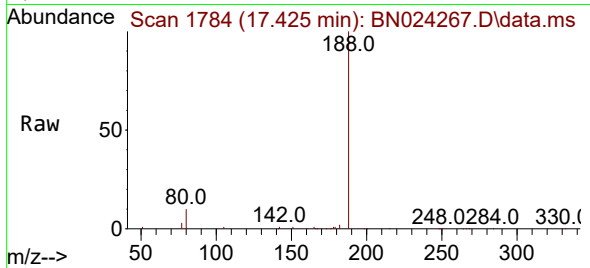




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

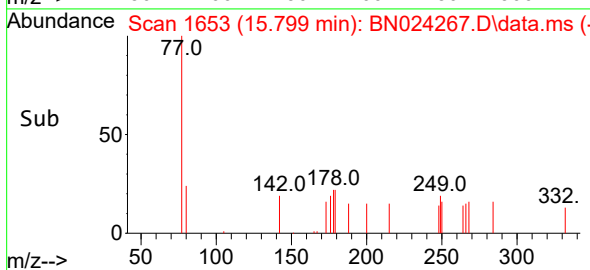
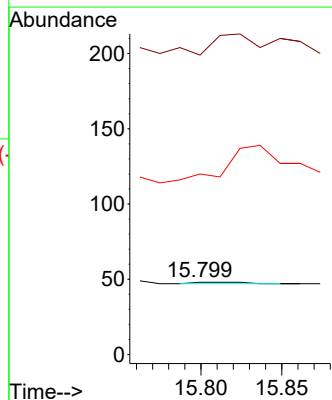
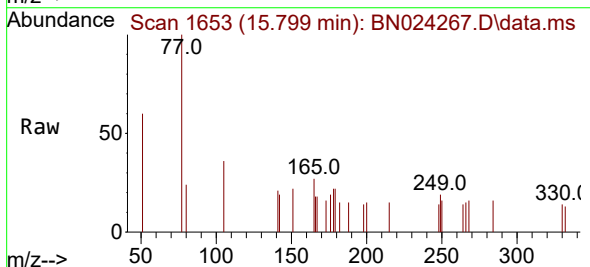
Instrument :
BNA_N
ClientSampleId :
CB-10-37.0-030823

Tgt Ion:188 Resp: 26606
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 414.6 68.2 102.2#
105 250.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.129 ng

RT: 17.053 min Scan# 1755

Delta R.T. -0.012 min

Lab File: BN024267.D

Acq: 14 Mar 2023 06:23

Instrument :

BNA_N

ClientSampleId :

CB-10-37.0-030823

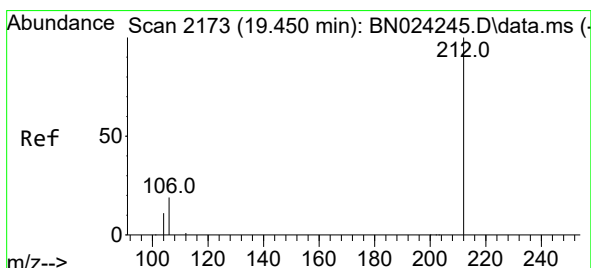
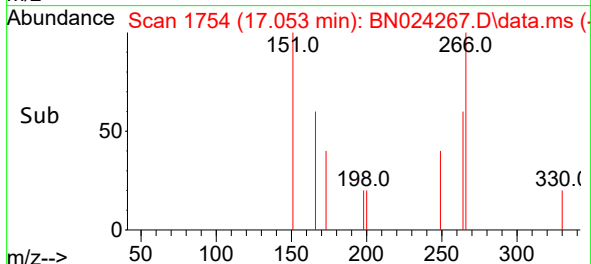
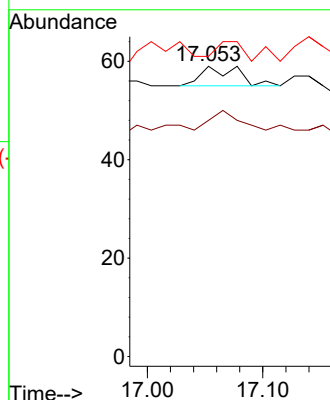
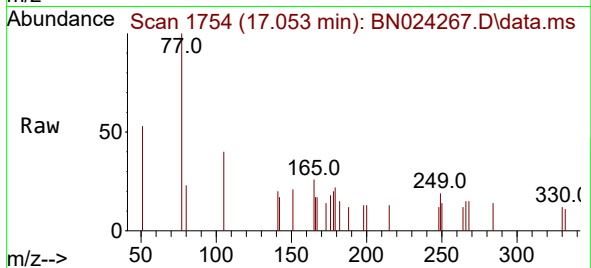
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 77.8 51.1 76.7#

268 66.7 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.253 ng

RT: 19.450 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN024267.D

Acq: 14 Mar 2023 06:23

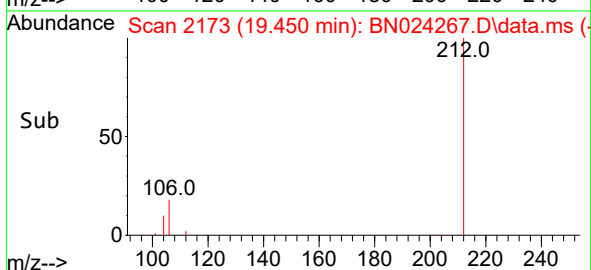
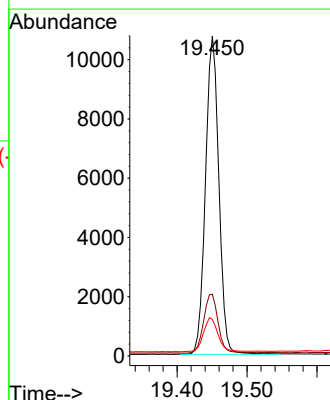
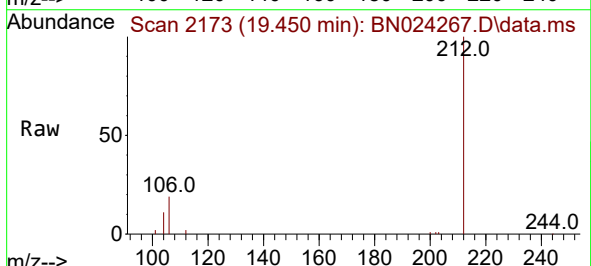
Tgt Ion:212 Resp: 14276

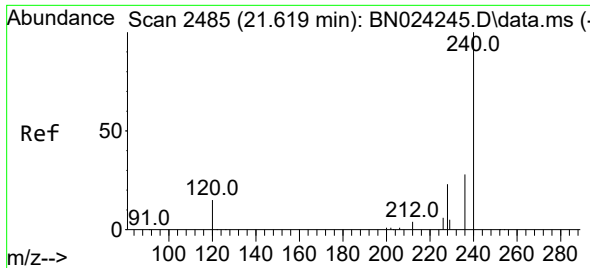
Ion Ratio Lower Upper

212 100

106 19.9 15.4 23.2

104 11.7 8.6 13.0

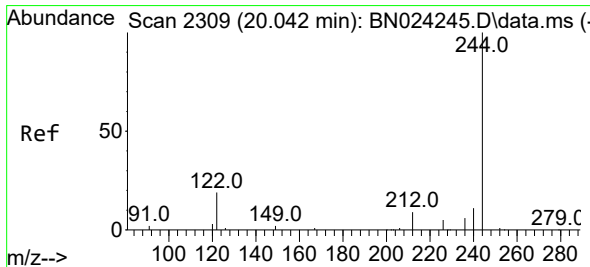
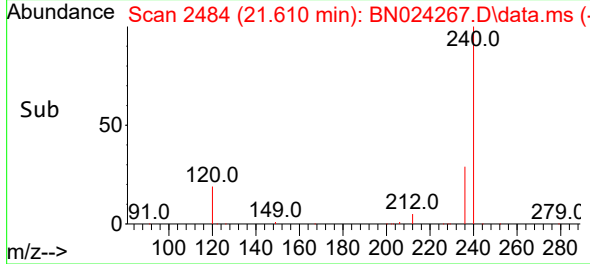
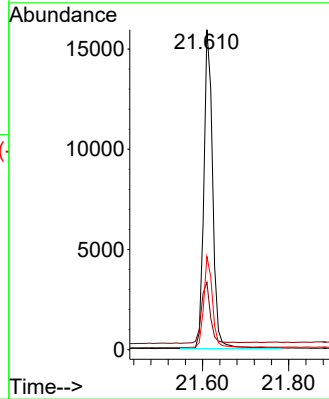
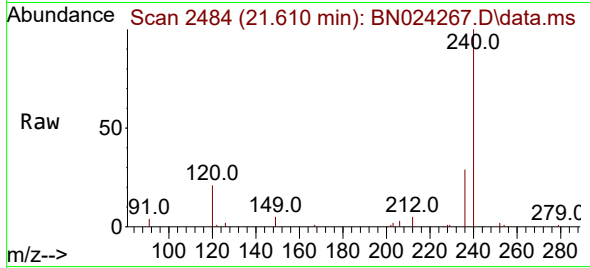




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

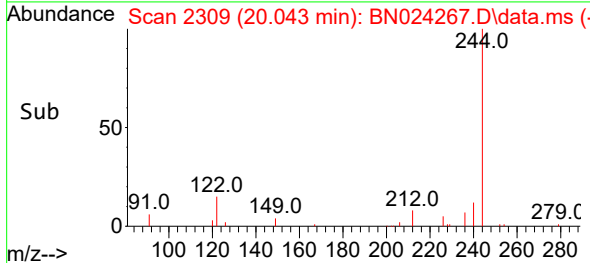
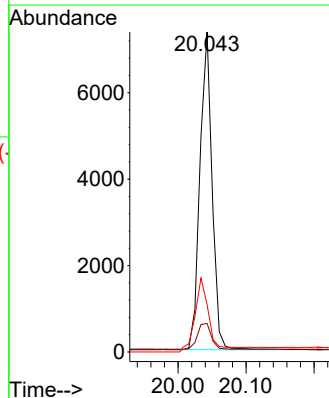
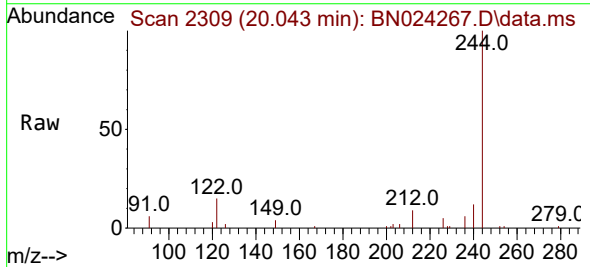
Instrument :
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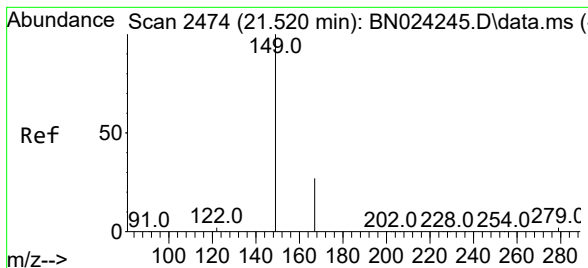
Tgt Ion:240 Resp: 22660
Ion Ratio Lower Upper
240 100
120 21.0 12.8 19.2#
236 29.1 22.5 33.7



#31
Terphenyl-d14
Concen: 0.233 ng
RT: 20.043 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BN024267.D
Acq: 14 Mar 2023 06:23

Tgt Ion:244 Resp: 8886
Ion Ratio Lower Upper
244 100
212 8.9 7.6 11.4
122 14.8 15.1 22.7#

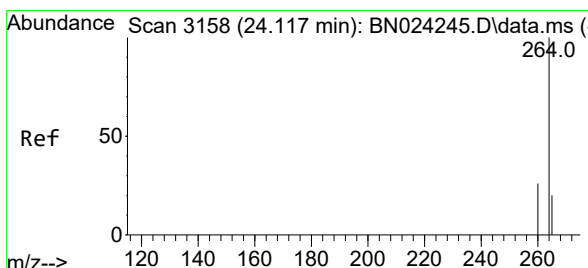
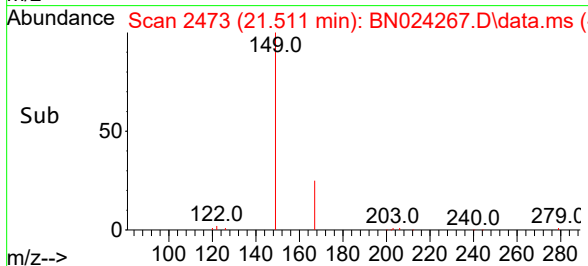
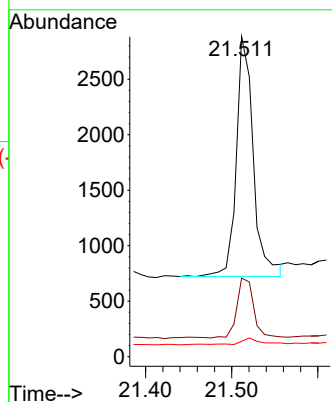
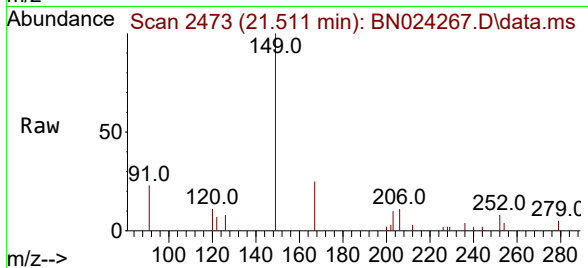




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.511 min Scan# 2473
 Delta R.T. -0.009 min
 Lab File: BN024267.D
 Acq: 14 Mar 2023 06:23

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-37.0-030823

Tgt Ion:149 Resp: 2976
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.2 31.8
 279 4.1 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.126 min Scan# 3161
 Delta R.T. 0.009 min
 Lab File: BN024267.D
 Acq: 14 Mar 2023 06:23

Tgt Ion:264 Resp: 20137
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.4 32.2
 265 48.4 35.7 53.5

