

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024371.D
 Acq On : 18 Mar 2023 08:18
 Operator : CG/JU
 Sample : 01879-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230309

Quant Time: Mar 20 01:08:06 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)

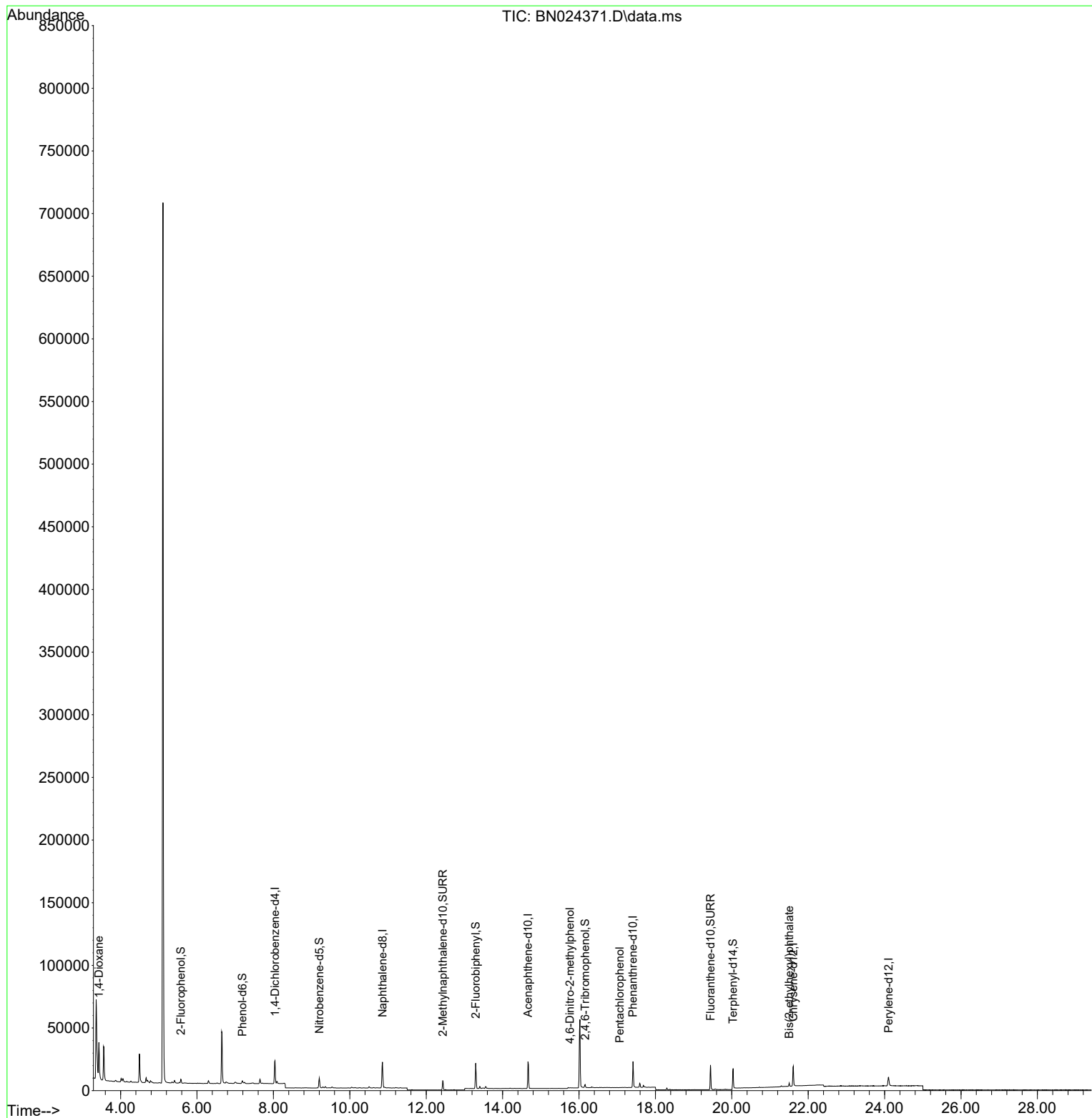
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8959	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	26883	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	12509	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	25254	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16013	0.400	ng	0.00
35) Perylene-d12	24.103	264	11380	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2409	0.121	ng	0.00
5) Phenol-d6	7.188	99	1798	0.071	ng	0.00
8) Nitrobenzene-d5	9.200	82	6167	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	9966	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1383	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	16439	0.348	ng	0.00
27) Fluoranthene-d10	19.442	212	19294	0.360	ng	0.00
31) Terphenyl-d14	20.033	244	11849	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	17980	1.844	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	15.762	198	8	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	26	0.131	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.502	149	2498	0.099	ng	# 99

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

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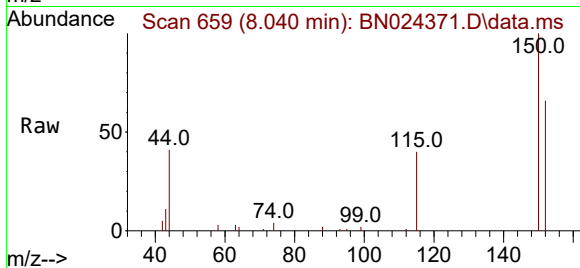
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration



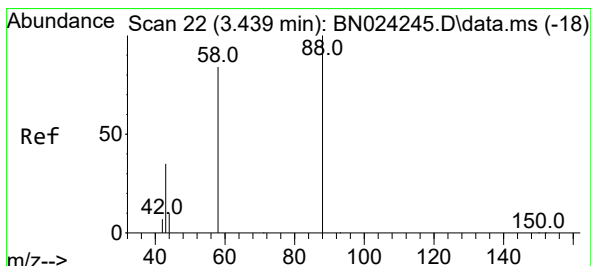
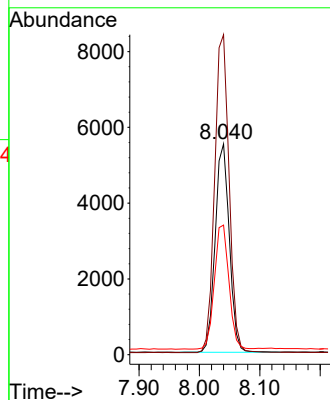
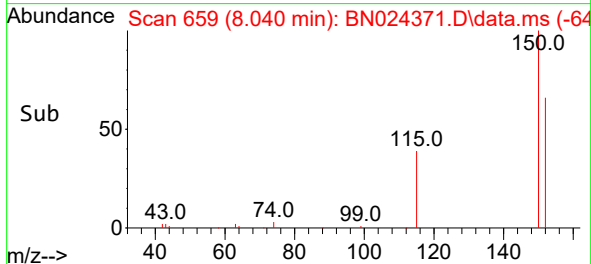


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024371.D
 Acq: 18 Mar 2023 08:18

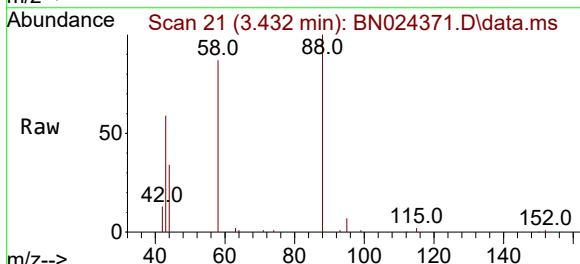
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230309



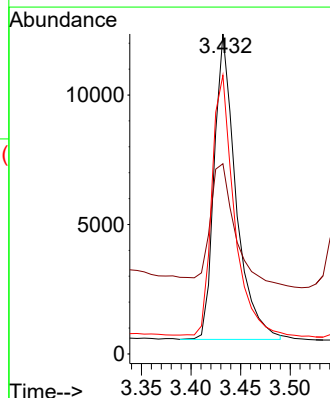
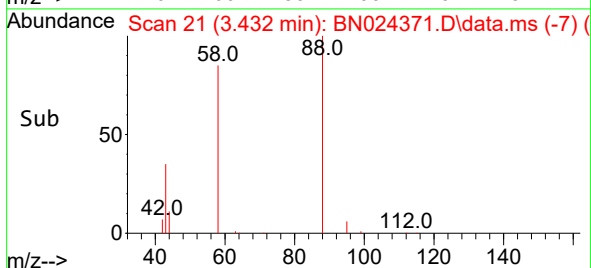
Tgt Ion:152 Resp: 8959
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.7 187.1
 115 61.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.844 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024371.D
 Acq: 18 Mar 2023 08:18



Tgt Ion: 88 Resp: 17980
 Ion Ratio Lower Upper
 88 100
 43 43.1 29.0 43.4
 58 87.0 67.3 100.9

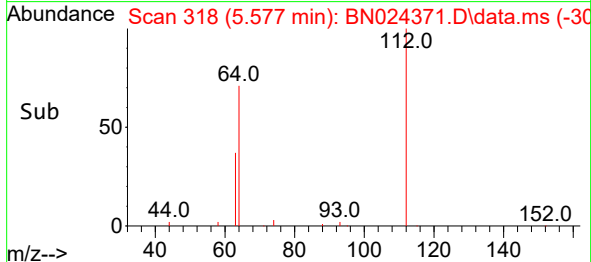
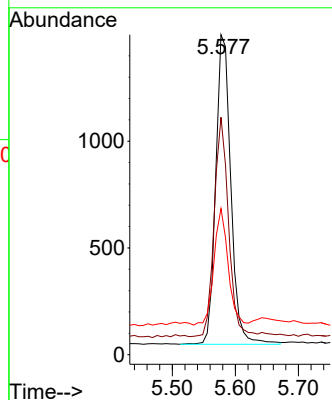
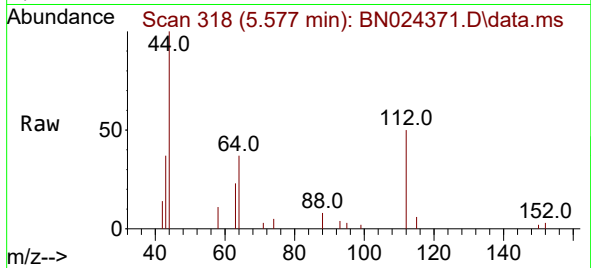




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

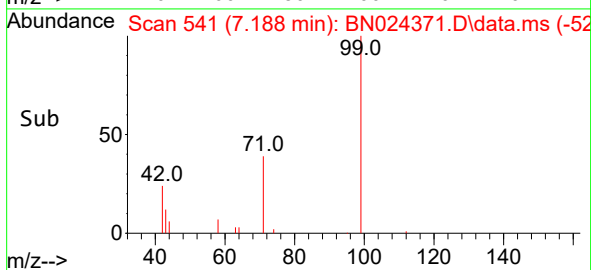
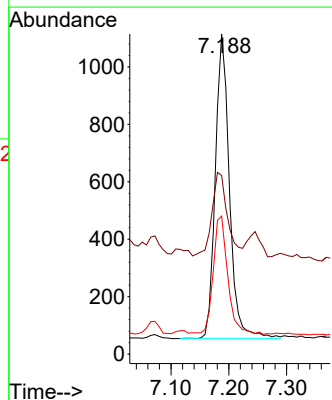
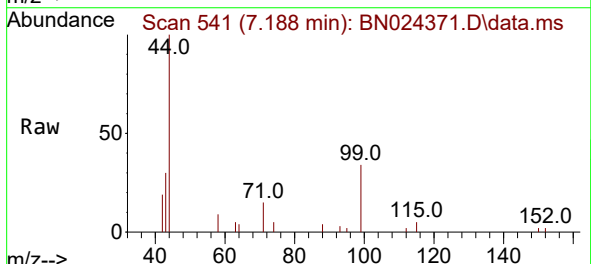
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230309

Tgt Ion:112 Resp: 2409
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 35.3 25.7 38.5



#5
Phenol-d6
Concen: 0.071 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

Tgt Ion: 99 Resp: 1798
Ion Ratio Lower Upper
99 100
42 29.9 20.1 30.1
71 39.7 25.8 38.8#

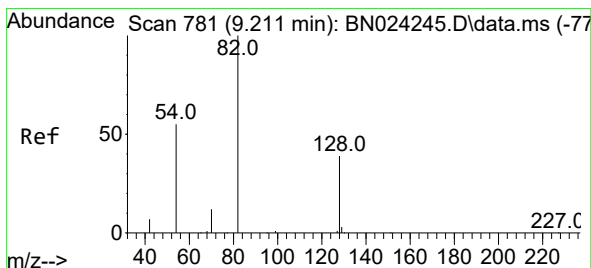
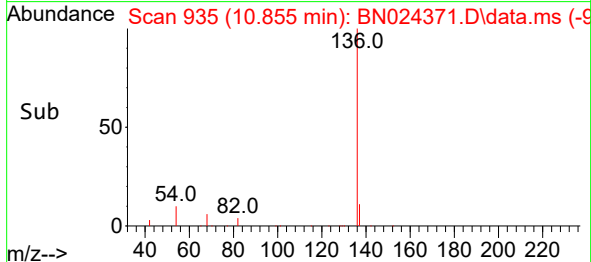
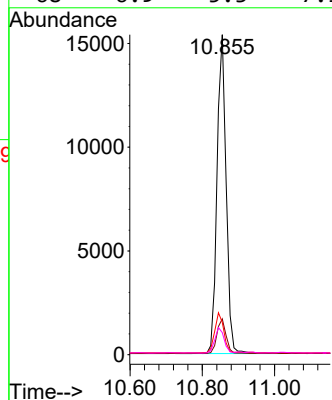
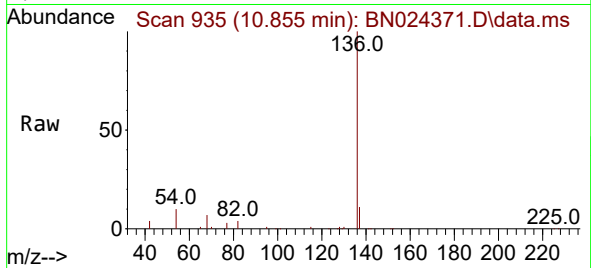




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

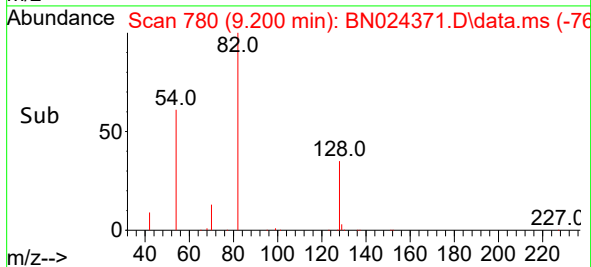
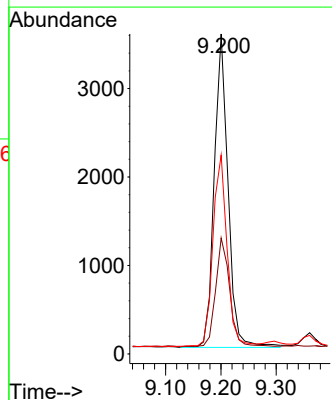
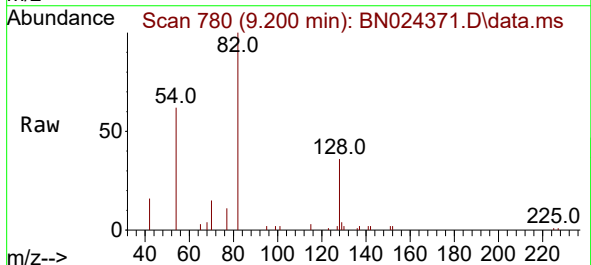
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230309

Tgt Ion:	136	Resp:	26883
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	10.1	7.1	10.7
68	6.9	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

Tgt Ion:	82	Resp:	6167
Ion Ratio	Lower	Upper	
82	100		
128	36.2	32.4	48.6
54	62.1	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024371.D

Acq: 18 Mar 2023 08:18

Instrument :

BNA_N

ClientSampleId :

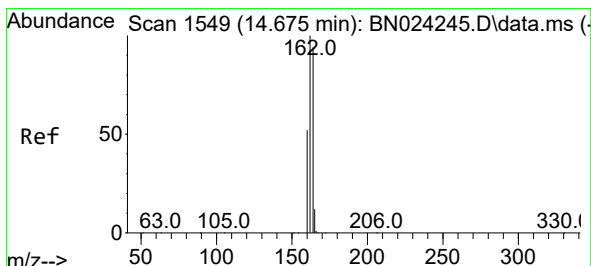
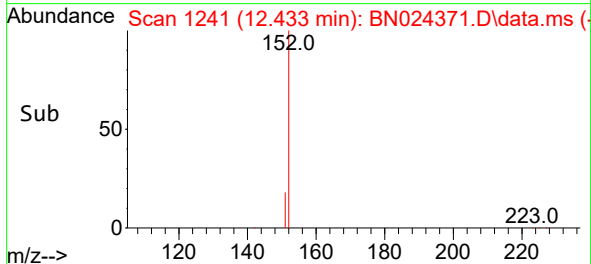
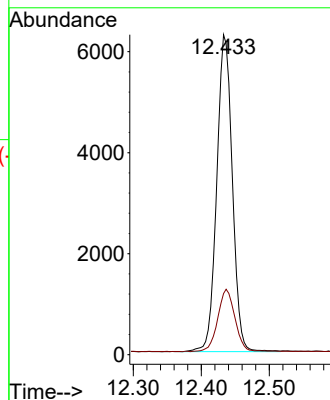
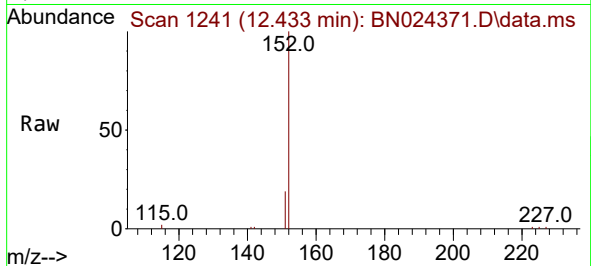
RE134D4-20230309

Tgt Ion:152 Resp: 9966

Ion Ratio Lower Upper

152 100

151 21.8 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: BN024371.D

Acq: 18 Mar 2023 08:18

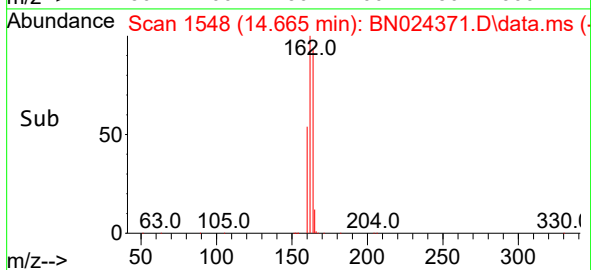
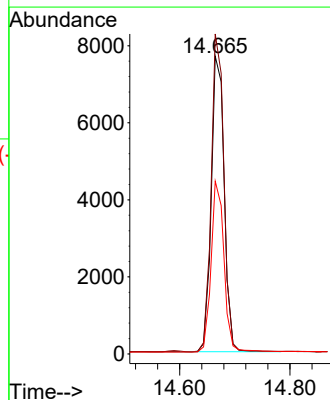
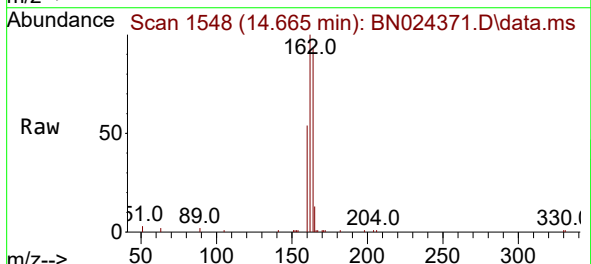
Tgt Ion:164 Resp: 12509

Ion Ratio Lower Upper

164 100

162 107.5 84.7 127.1

160 58.0 44.6 66.8

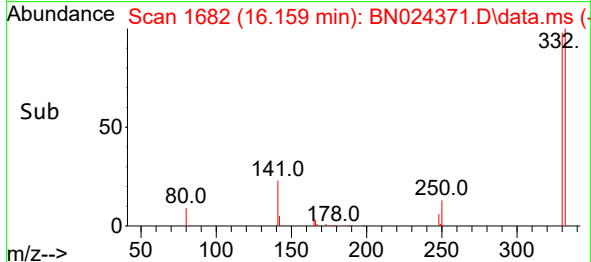
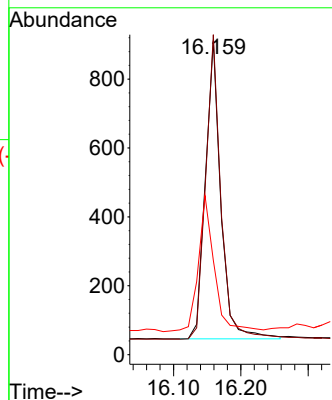
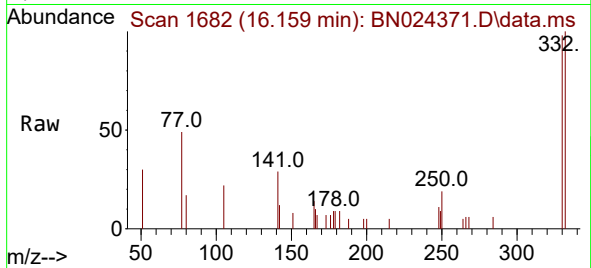




#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

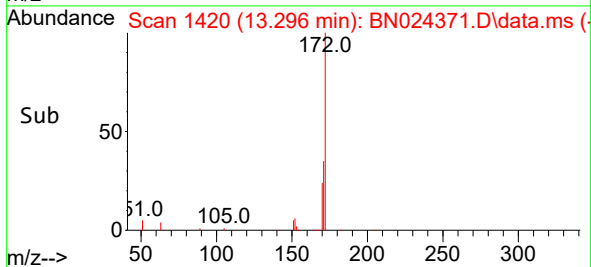
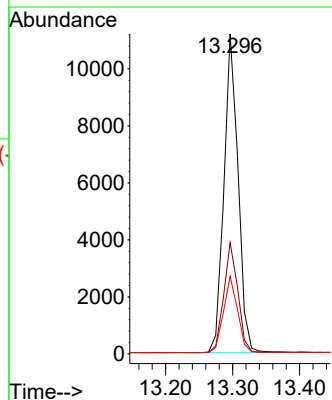
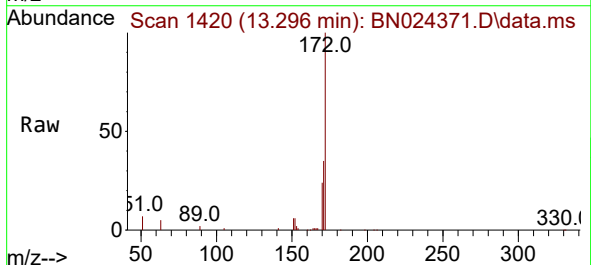
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230309

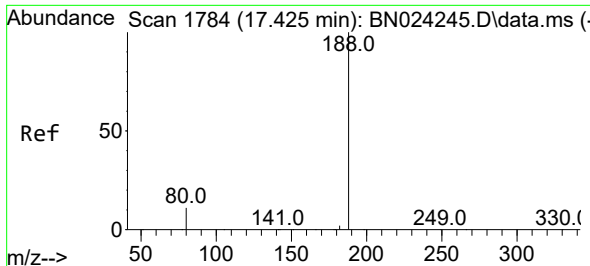
Tgt Ion:330 Resp: 1383
Ion Ratio Lower Upper
330 100
332 100.4 78.0 117.0
141 47.1 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

Tgt Ion:172 Resp: 16439
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.2 19.0 28.6

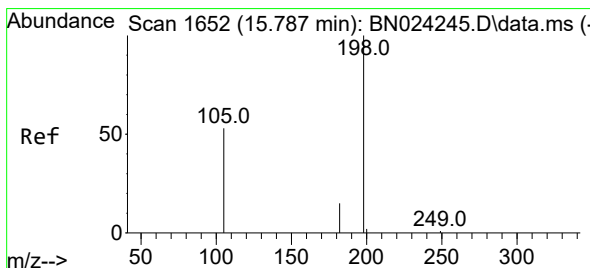
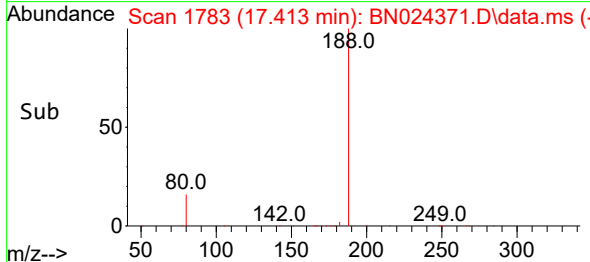
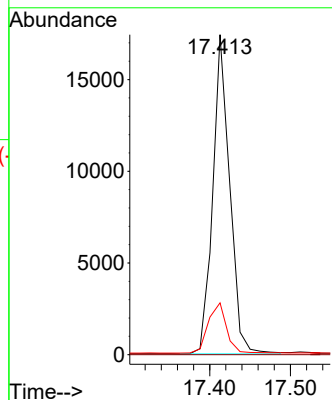
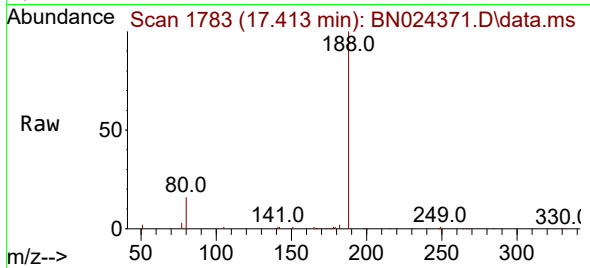




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

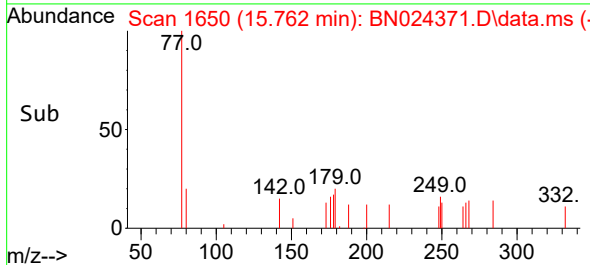
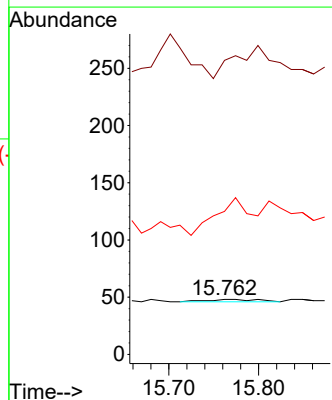
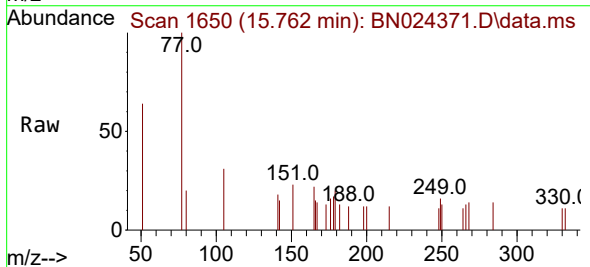
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230309

Tgt Ion:188 Resp: 25254
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 535.4 68.2 102.2#
105 260.4 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024371.D

Acq: 18 Mar 2023 08:18

Instrument :

BNA_N

ClientSampleId :

RE134D4-20230309

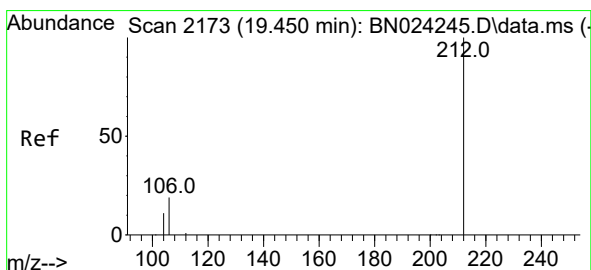
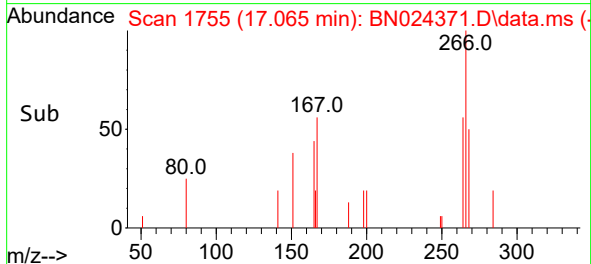
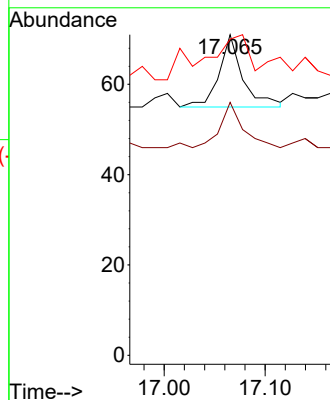
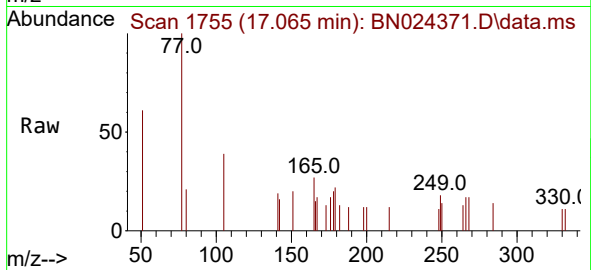
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 61.5 51.1 76.7

268 130.8 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024371.D

Acq: 18 Mar 2023 08:18

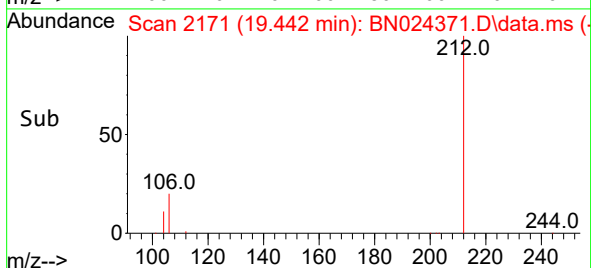
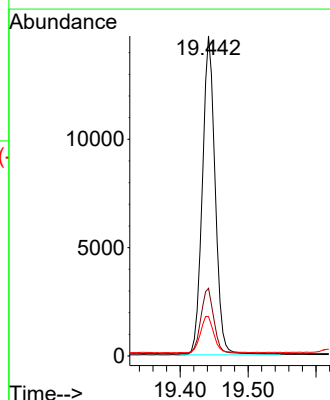
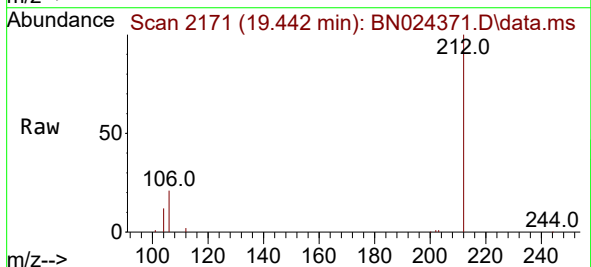
Tgt Ion:212 Resp: 19294

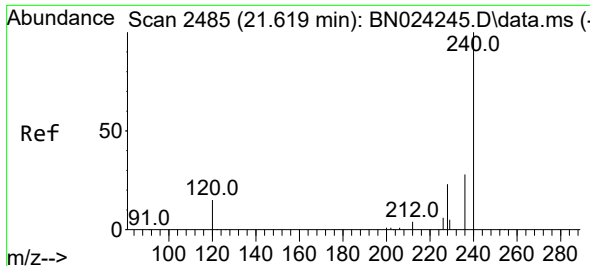
Ion Ratio Lower Upper

212 100

106 20.9 15.4 23.2

104 11.9 8.6 13.0

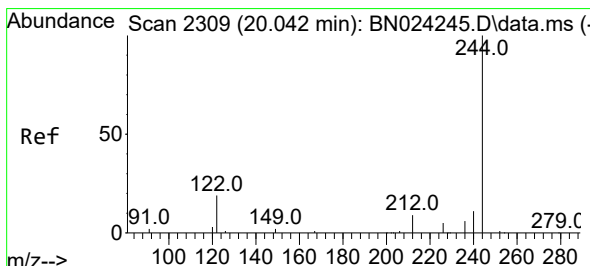
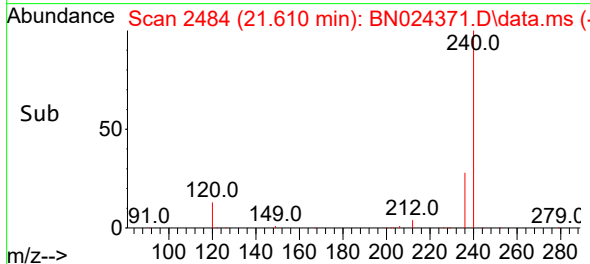
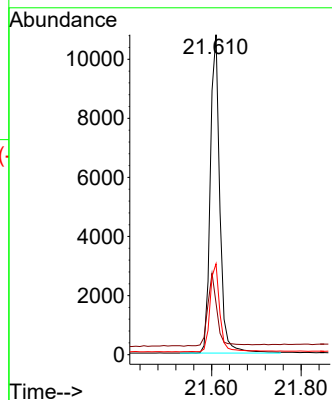
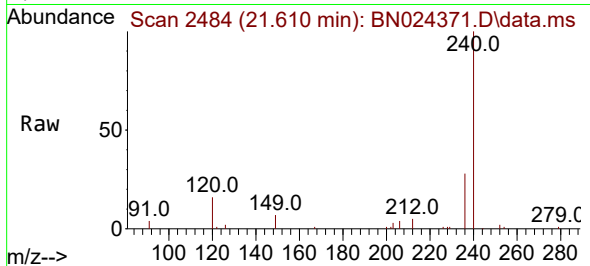




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

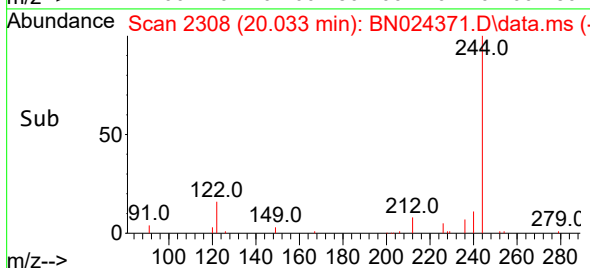
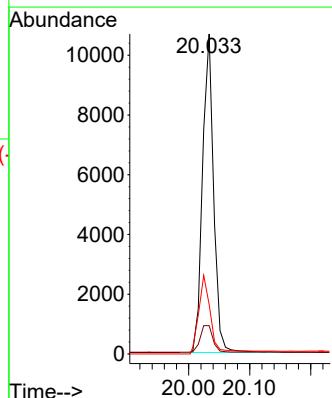
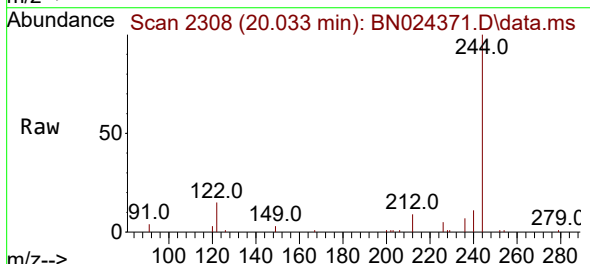
Instrument :
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RE134D4-20230309

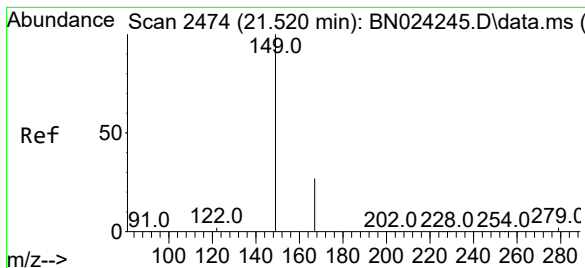
Tgt Ion:240 Resp: 16013
Ion Ratio Lower Upper
240 100
120 16.1 12.8 19.2
236 28.4 22.5 33.7



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.033 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024371.D
Acq: 18 Mar 2023 08:18

Tgt Ion:244 Resp: 11849
Ion Ratio Lower Upper
244 100
212 8.9 7.6 11.4
122 15.5 15.1 22.7

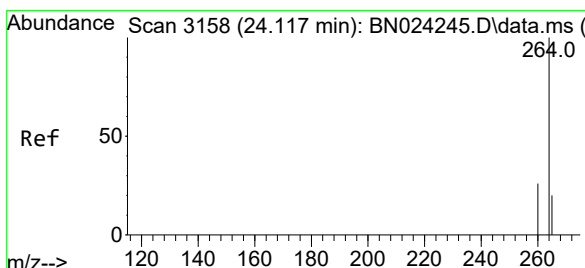
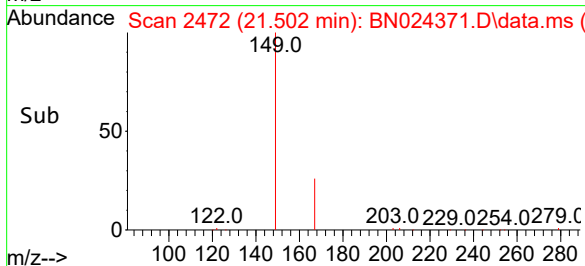
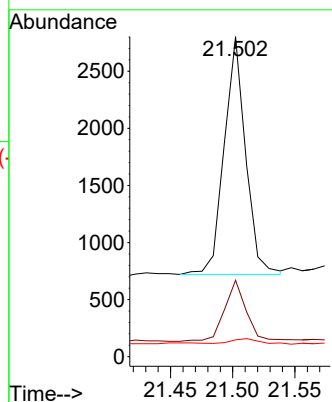
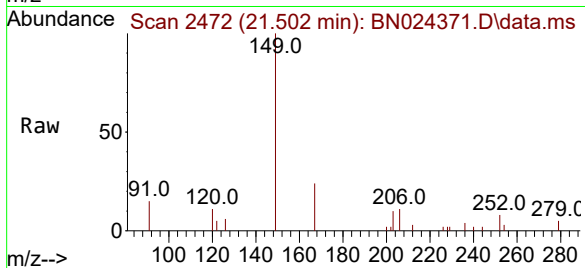




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024371.D
 Acq: 18 Mar 2023 08:18

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230309

Tgt Ion:149 Resp: 2498
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.2 31.8
 279 3.0 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.103 min Scan# 3153
 Delta R.T. 0.006 min
 Lab File: BN024371.D
 Acq: 18 Mar 2023 08:18

Tgt Ion:264 Resp: 11380
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 66.9 35.7 53.5#

