

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024331.D
 Acq On : 17 Mar 2023 03:20
 Operator : CG/JU
 Sample : 01843-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 04:45:44 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 17 04:37:08 2023
 Response via : Initial Calibration

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

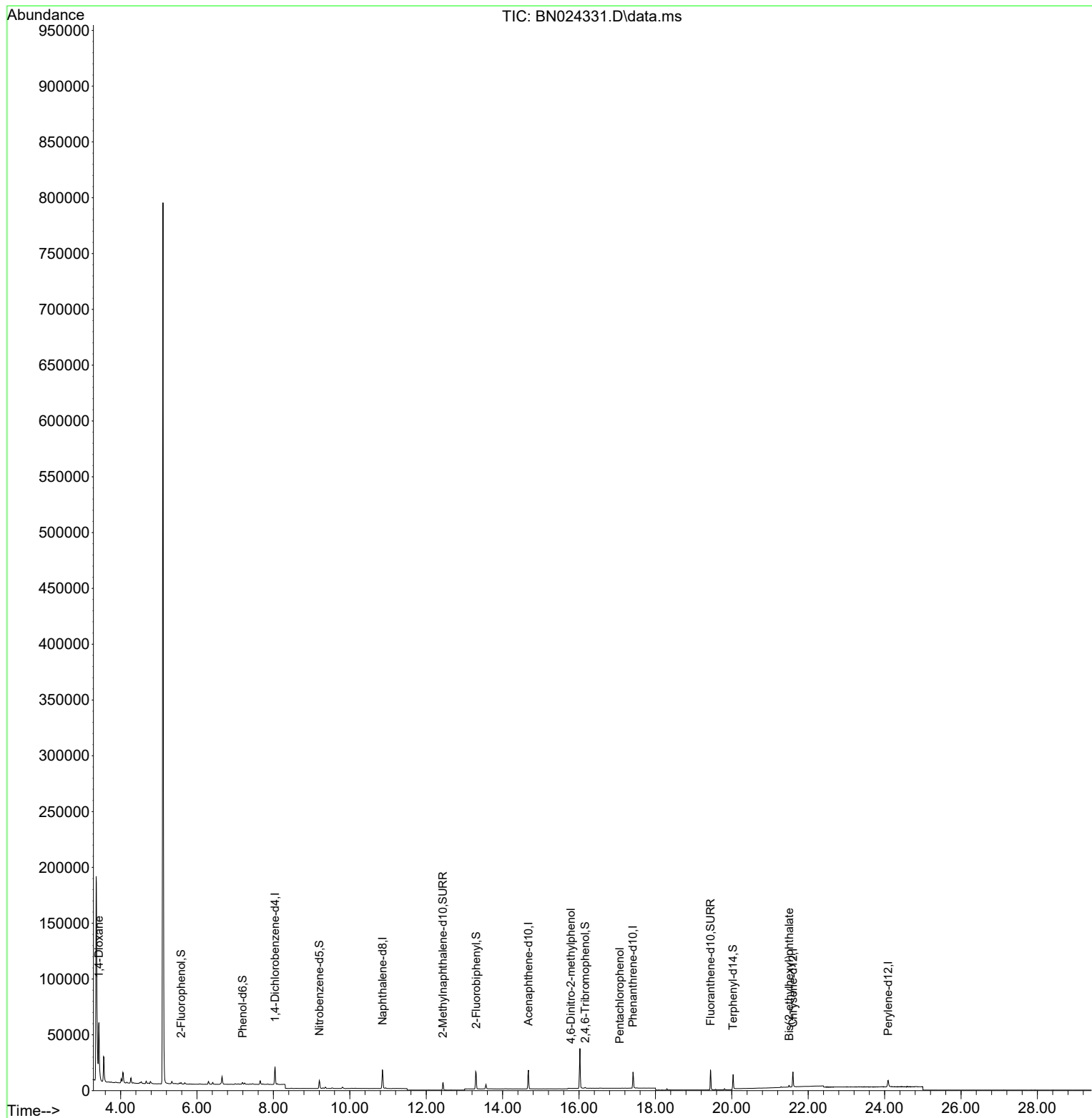
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7287	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	20811	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	9308	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	18631	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	12491	0.400	ng	0.00
35) Perylene-d12	24.091	264	9234	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	999	0.062	ng	0.00
5) Phenol-d6	7.195	99	1319	0.064	ng	0.00
8) Nitrobenzene-d5	9.200	82	5677	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9025	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	441	0.093	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14134	0.402	ng	0.00
27) Fluoranthene-d10	19.442	212	17677	0.448	ng	0.00
31) Terphenyl-d14	20.033	244	9596	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	32339	4.079	ng	93
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	39	0.133	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.502	149	1738	0.089	ng	94

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

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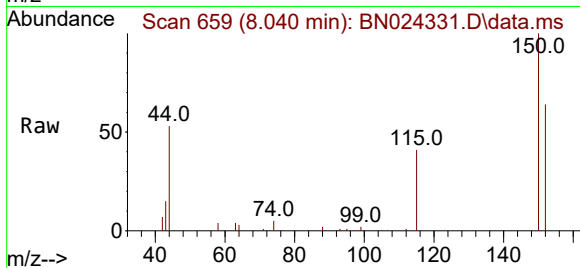
Quant Time: Mar 17 04:45:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



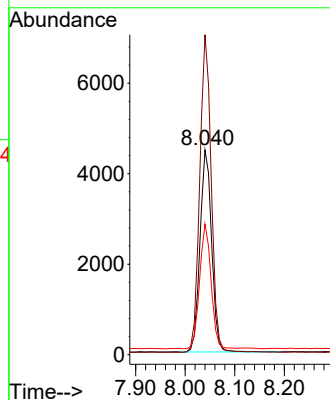
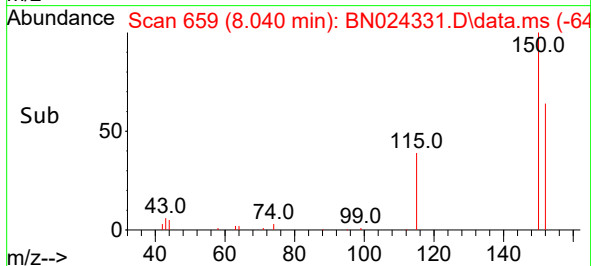


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024331.D
 Acq: 17 Mar 2023 03:20

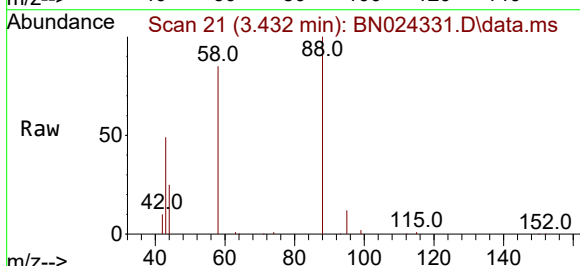
Instrument :
 BNA_N
 ClientSampleId :



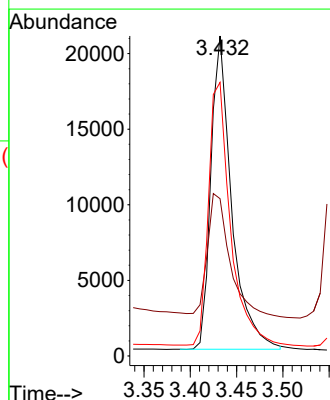
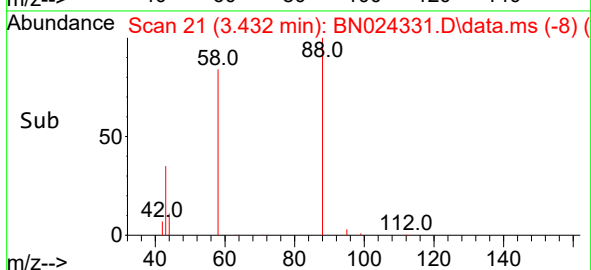
Tgt Ion:152 Resp: 7287
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.7 187.1
 115 63.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.079 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024331.D
 Acq: 17 Mar 2023 03:20



Tgt Ion: 88 Resp: 32339
 Ion Ratio Lower Upper
 88 100
 43 42.6 29.0 43.4
 58 88.4 67.3 100.9

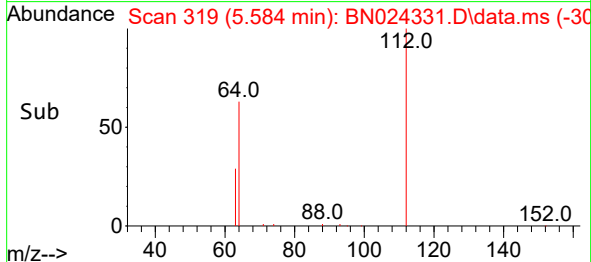
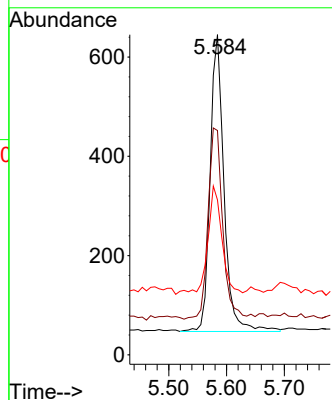
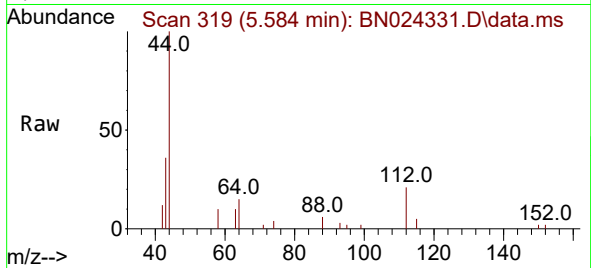




#4
2-Fluorophenol
Concen: 0.062 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

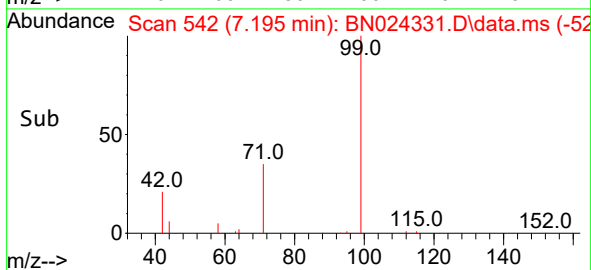
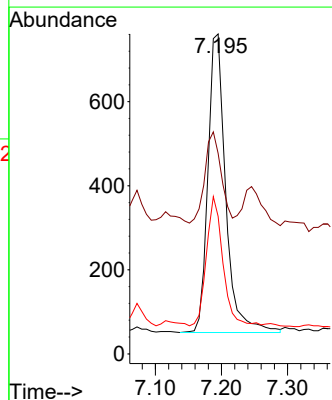
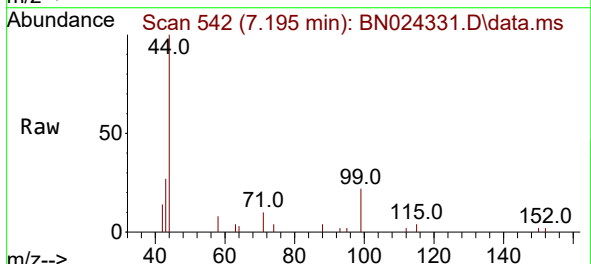
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 999
Ion Ratio Lower Upper
112 100
64 67.5 49.0 73.6
63 34.9 25.7 38.5



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Tgt Ion: 99 Resp: 1319
Ion Ratio Lower Upper
99 100
42 28.1 20.1 30.1
71 41.7 25.8 38.8#

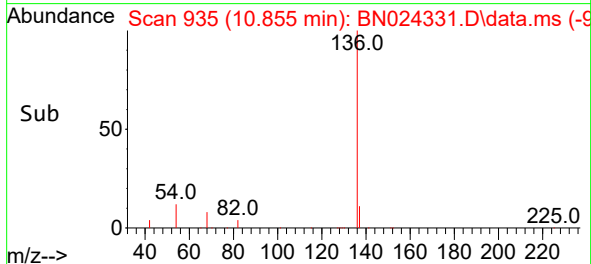
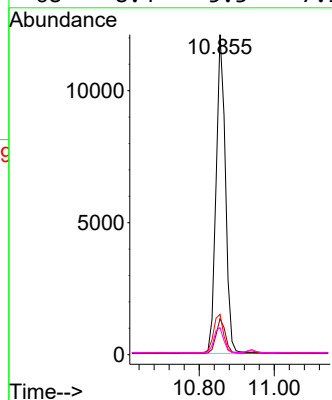
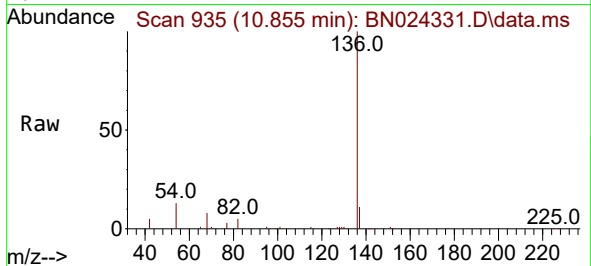




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

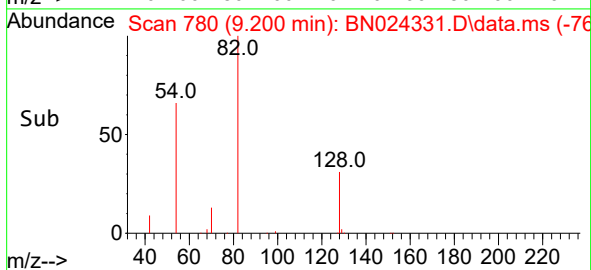
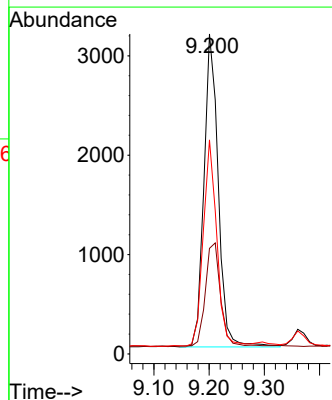
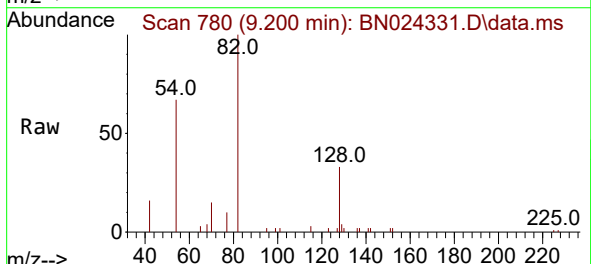
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	20811
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	12.6	7.1	10.7#
68	8.4	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Tgt Ion:	82	Resp:	5677
Ion Ratio	Lower	Upper	
82	100		
128	33.0	32.4	48.6
54	66.9	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.437 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN024331.D

Acq: 17 Mar 2023 03:20

Instrument :

BNA_N

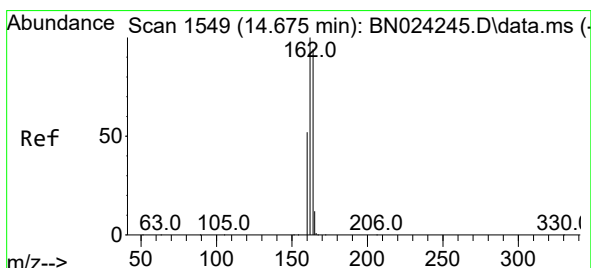
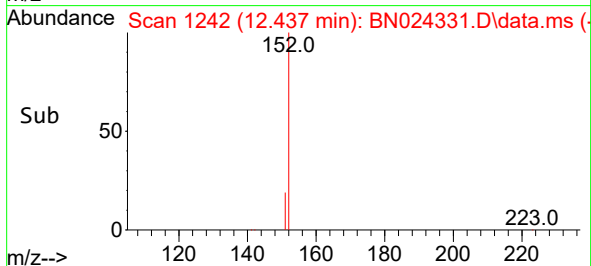
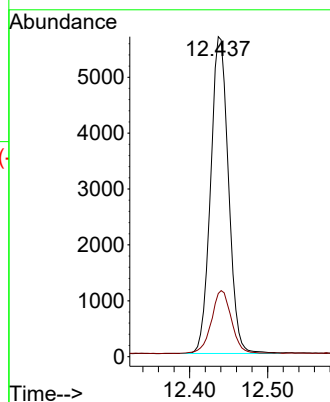
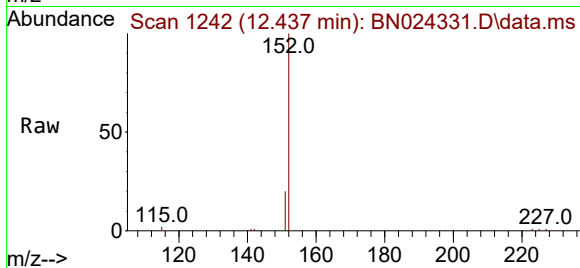
ClientSampleId :

Tgt Ion:152 Resp: 9025

Ion Ratio Lower Upper

152 100

151 22.2 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: BN024331.D

Acq: 17 Mar 2023 03:20

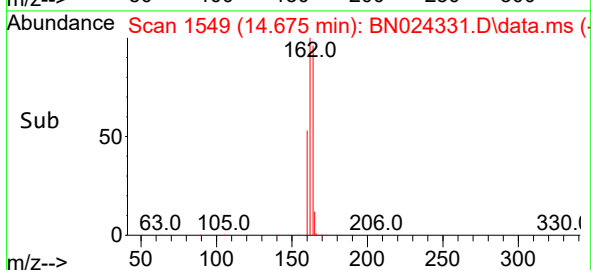
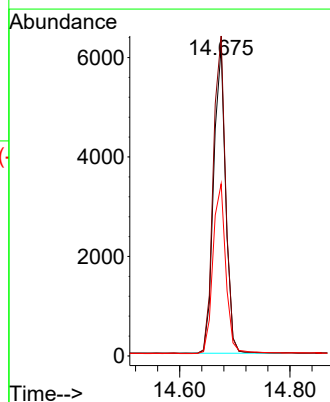
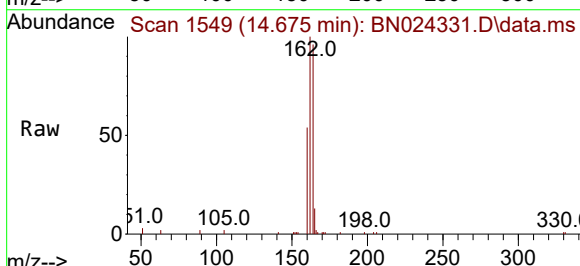
Tgt Ion:164 Resp: 9308

Ion Ratio Lower Upper

164 100

162 103.8 84.7 127.1

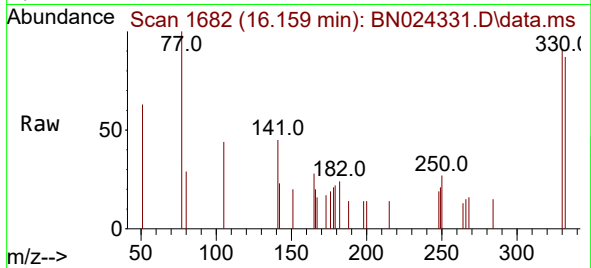
160 55.8 44.6 66.8



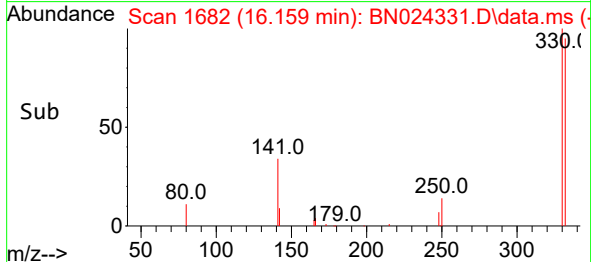
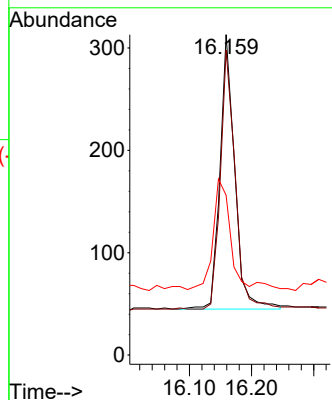


#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Instrument :
BNA_N
ClientSampleId :

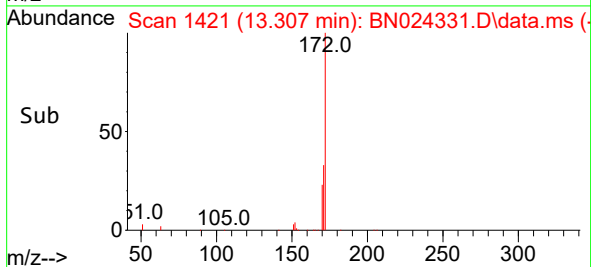
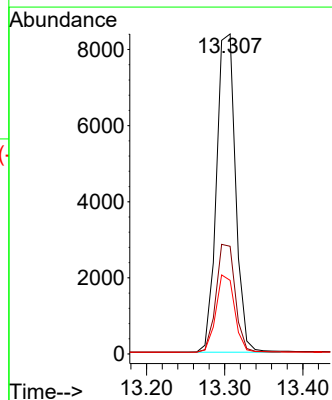
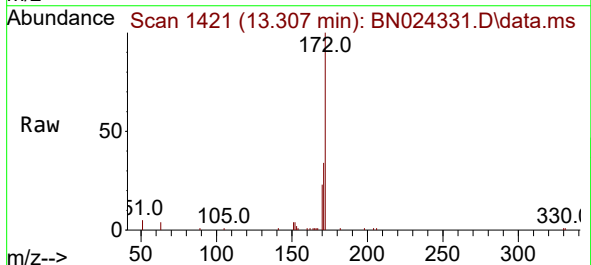


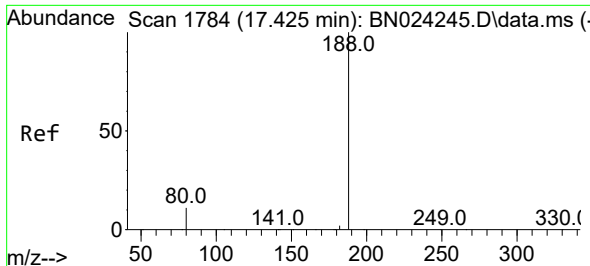
Tgt Ion:330 Resp: 441
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 45.6 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Tgt Ion:172 Resp: 14134
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.8
170 23.0 19.0 28.6

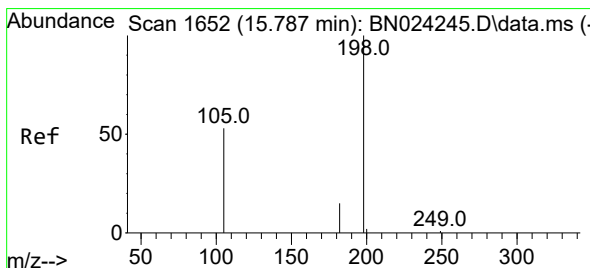
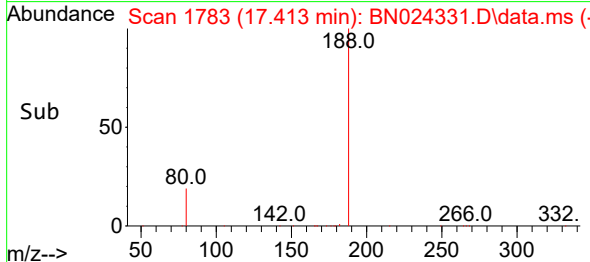
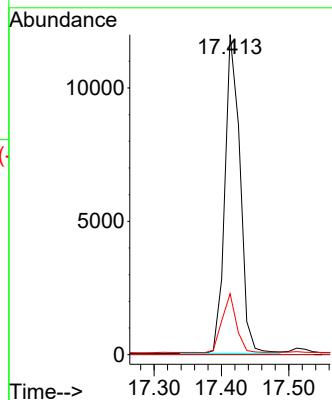
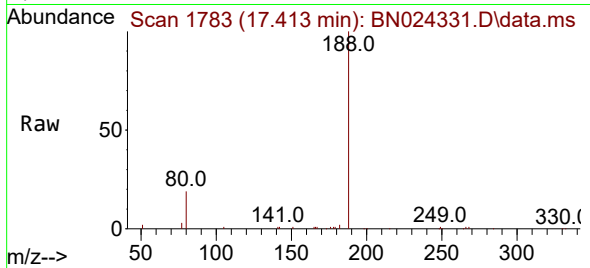




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

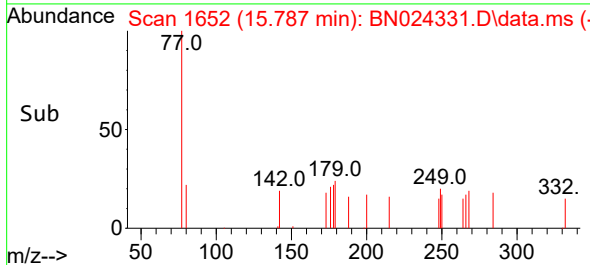
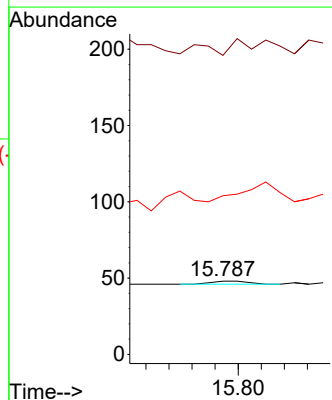
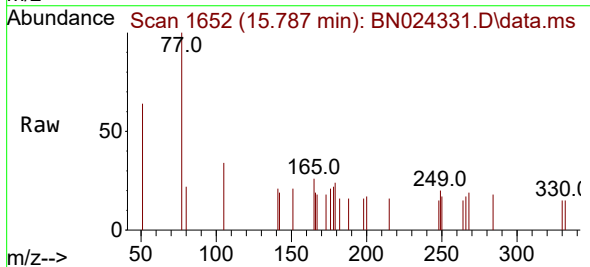
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18631
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.1 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 408.3 68.2 102.2#
105 216.7 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.133 ng

RT: 17.065 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024331.D

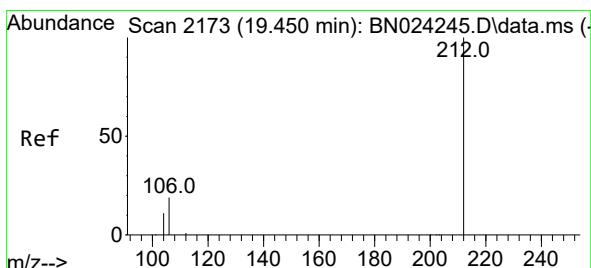
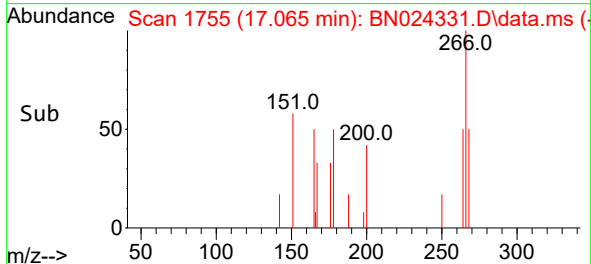
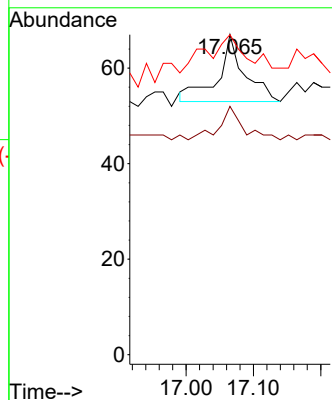
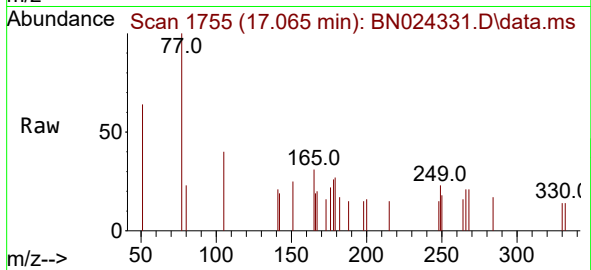
Acq: 17 Mar 2023 03:20

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	39
Ion Ratio	Lower	Upper	
266	100		
264	43.6	51.1	76.7#
268	87.2	52.2	78.4#



#27

Fluoranthene-d10

Concen: 0.448 ng

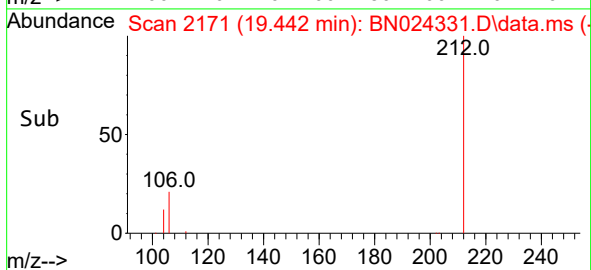
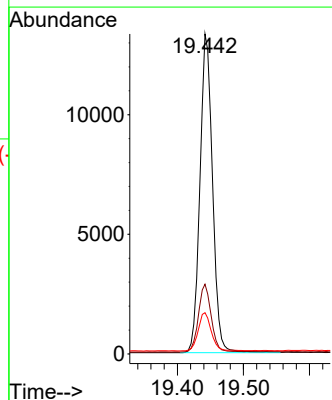
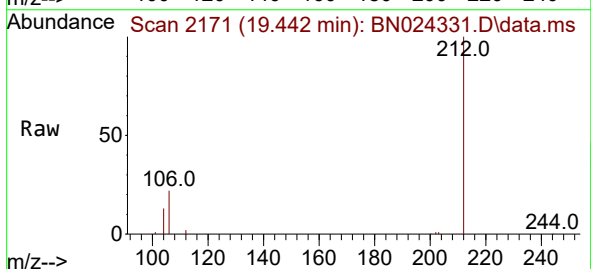
RT: 19.442 min Scan# 2171

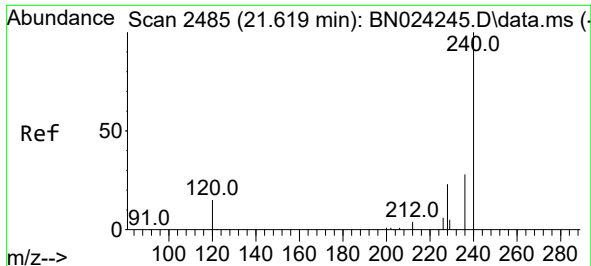
Delta R.T. -0.004 min

Lab File: BN024331.D

Acq: 17 Mar 2023 03:20

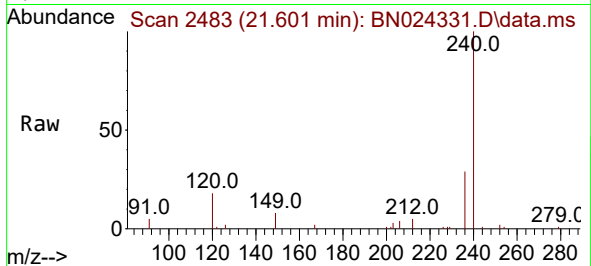
Tgt Ion:	212	Resp:	17677
Ion Ratio	Lower	Upper	
212	100		
106	21.6	15.4	23.2
104	12.5	8.6	13.0



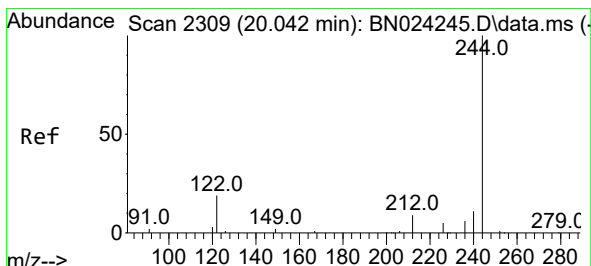
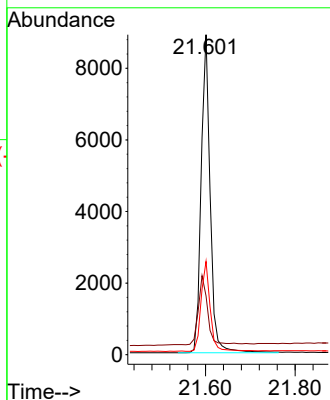
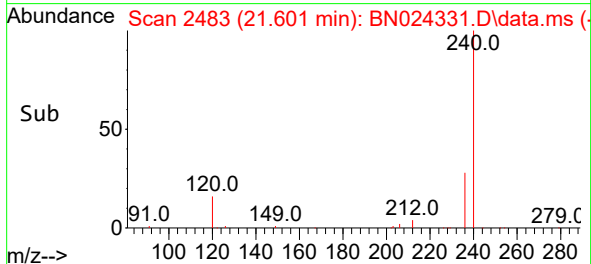


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

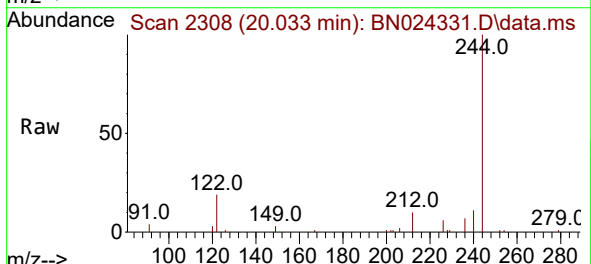
Instrument :
BNA_N
ClientSampleId :



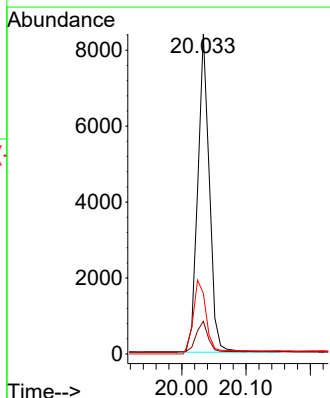
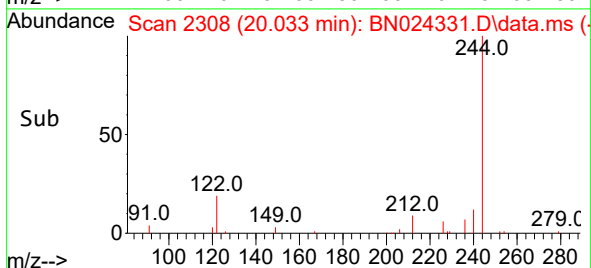
Tgt Ion:240 Resp: 12491
Ion Ratio Lower Upper
240 100
120 18.3 12.8 19.2
236 29.2 22.5 33.7

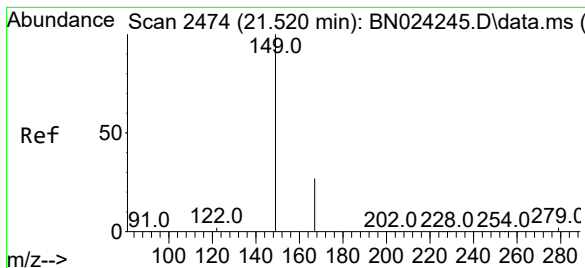


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 20.033 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20



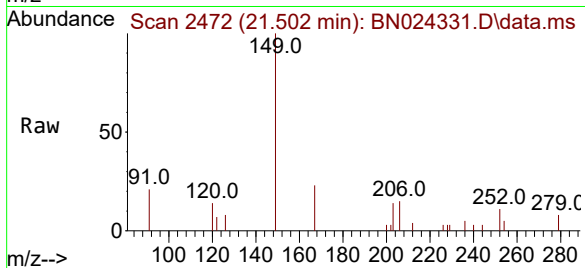
Tgt Ion:244 Resp: 9596
Ion Ratio Lower Upper
244 100
212 10.2 7.6 11.4
122 19.0 15.1 22.7



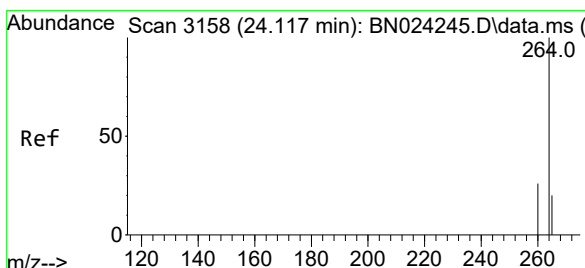
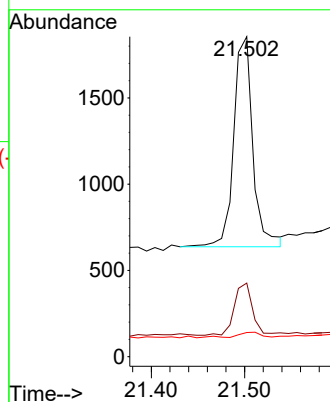
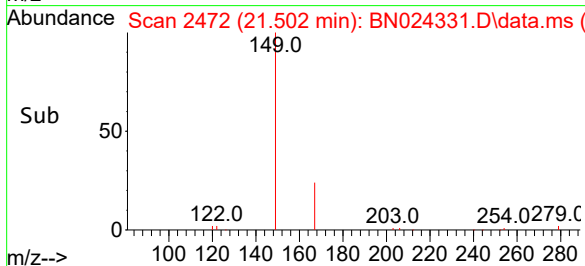


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.502 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:149 Resp: 1738
Ion Ratio Lower Upper
149 100
167 23.3 21.2 31.8
279 2.7 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.091 min Scan# 3149
Delta R.T. -0.023 min
Lab File: BN024331.D
Acq: 17 Mar 2023 03:20

Tgt Ion:264 Resp: 9234
Ion Ratio Lower Upper
264 100
260 27.9 21.4 32.2
265 72.6 35.7 53.5#

