

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024335.D
 Acq On : 17 Mar 2023 07:00
 Operator : CG/JU
 Sample : PB151415BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB151415BL

Quant Time: Mar 17 07:30:40 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)

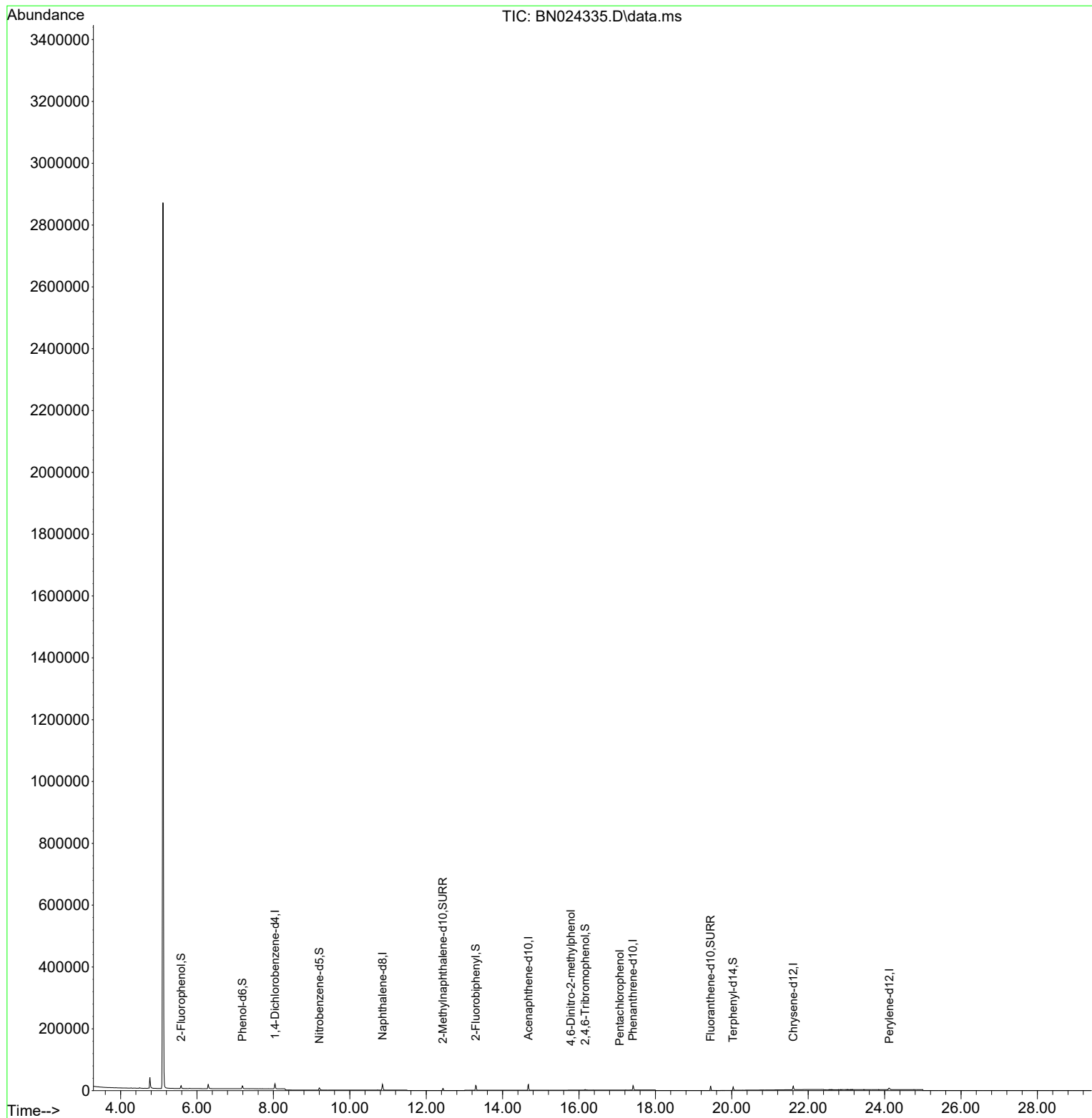
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7913	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	22748	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10121	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	20255	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	11775	0.400	ng	0.00
35) Perylene-d12	24.120	264	8389	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	6925	0.395	ng	0.00
5) Phenol-d6	7.188	99	8464	0.376	ng	0.00
8) Nitrobenzene-d5	9.201	82	5824	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9560	0.342	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1069	0.207	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14165	0.371	ng	-0.01
27) Fluoranthene-d10	19.446	212	14392	0.335	ng	0.00
31) Terphenyl-d14	20.034	244	8214	0.414	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.787	198	1	0.178	ng	# 1
24) Pentachlorophenol	17.065	266	30	0.132	ng	# 57

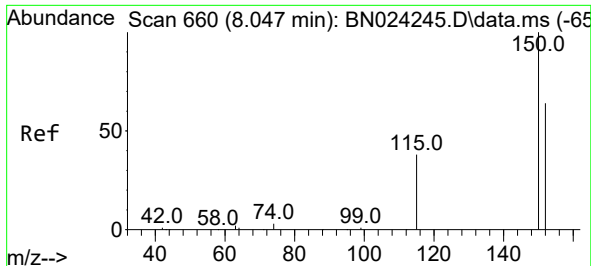
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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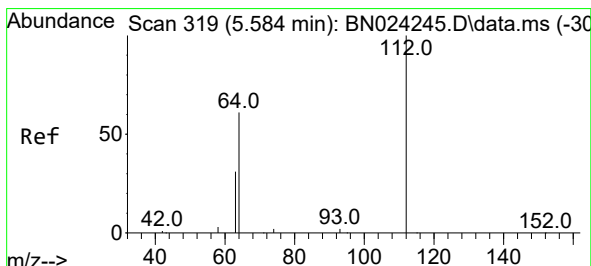
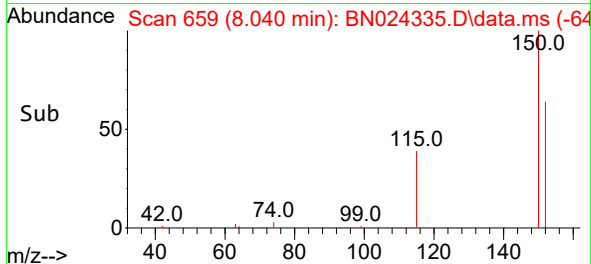
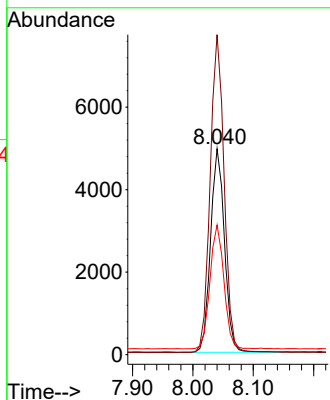
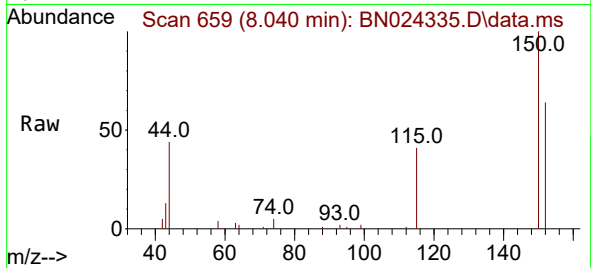




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

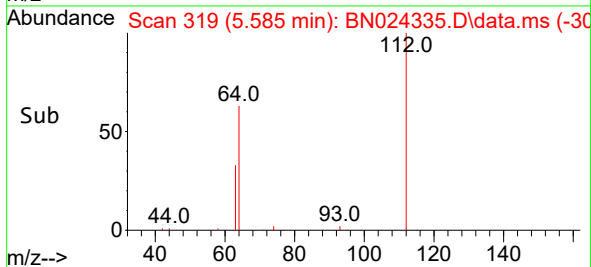
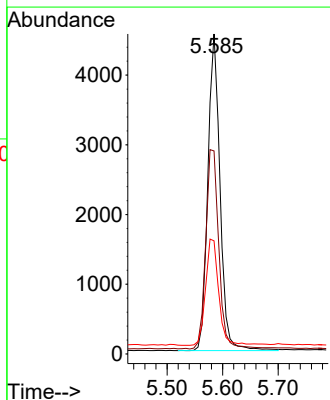
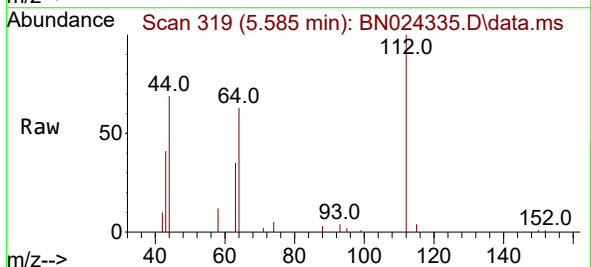
Instrument :
BNA_N
ClientSampleId :
PB151415BL

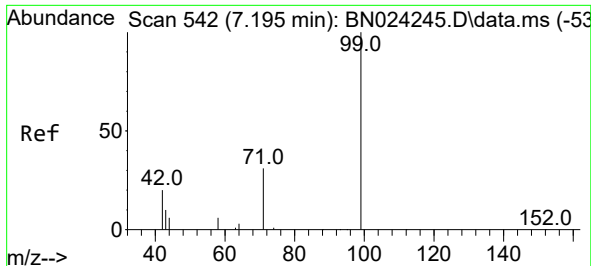
Tgt Ion:152 Resp: 7913
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 63.0 49.1 73.7



#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion:112 Resp: 6925
Ion Ratio Lower Upper
112 100
64 67.7 49.0 73.6
63 36.1 25.7 38.5

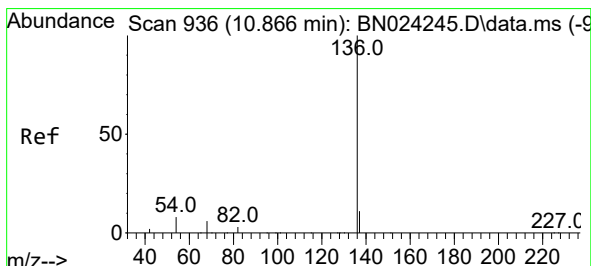
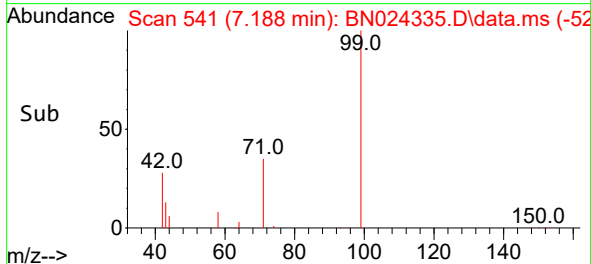
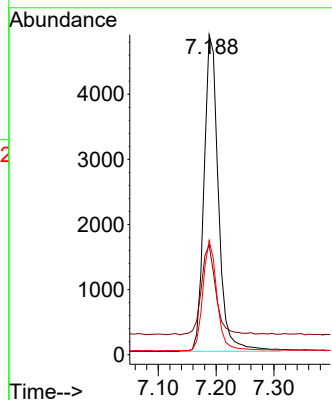
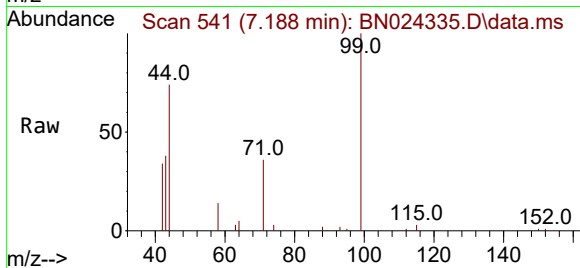




#5
Phenol-d6
Concen: 0.376 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

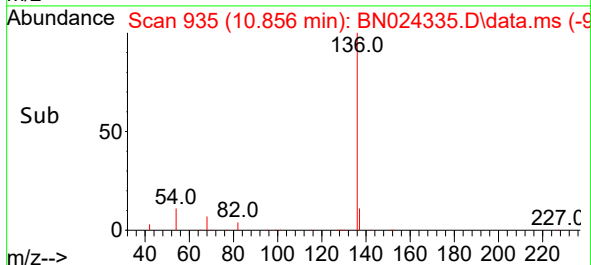
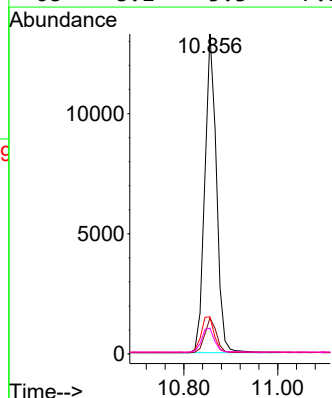
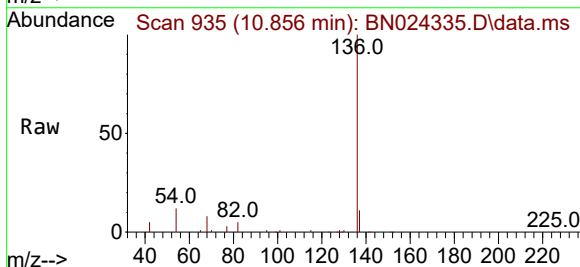
Instrument :
BNA_N
ClientSampleId :
PB151415BL

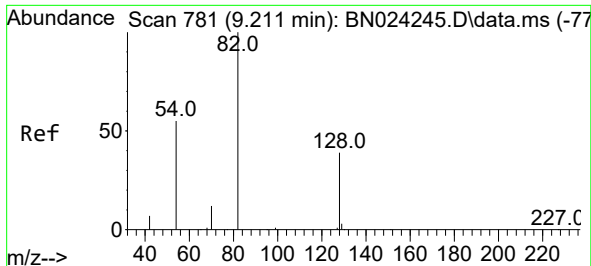
Tgt Ion: 99 Resp: 8464
Ion Ratio Lower Upper
99 100
42 28.6 20.1 30.1
71 34.5 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion: 136 Resp: 22748
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 11.6 7.1 10.7#
68 8.1 5.3 7.9#

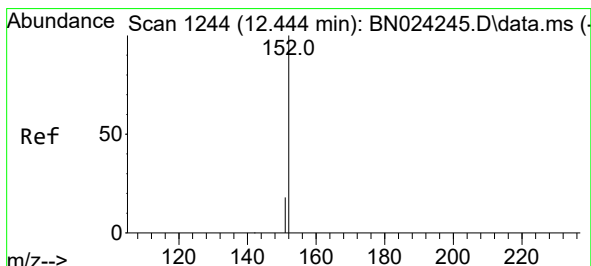
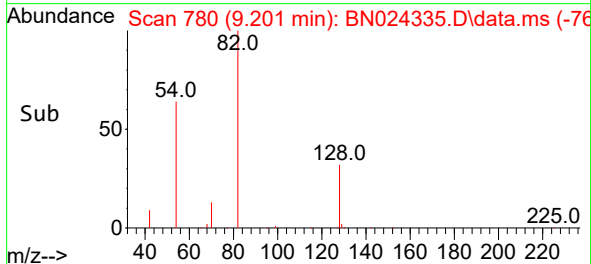
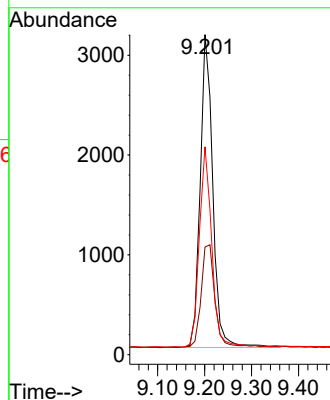
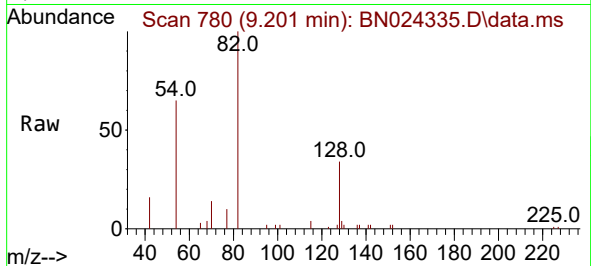




#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

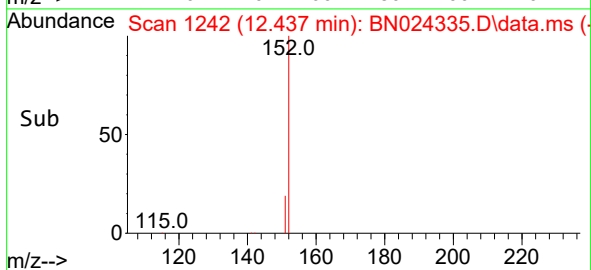
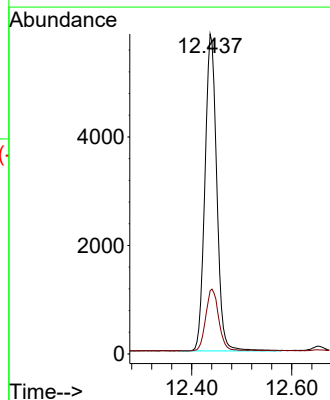
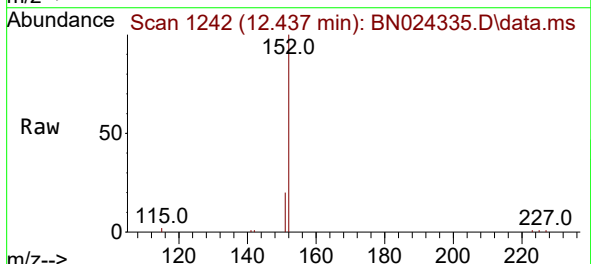
Instrument :
BNA_N
ClientSampleId :
PB151415BL

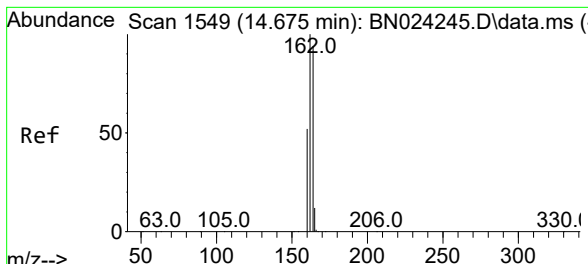
Tgt Ion: 82 Resp: 5824
Ion Ratio Lower Upper
82 100
128 33.7 32.4 48.6
54 64.9 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion: 152 Resp: 9560
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

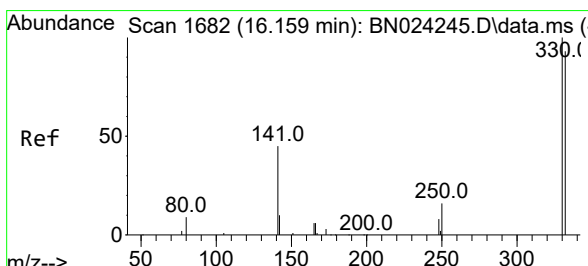
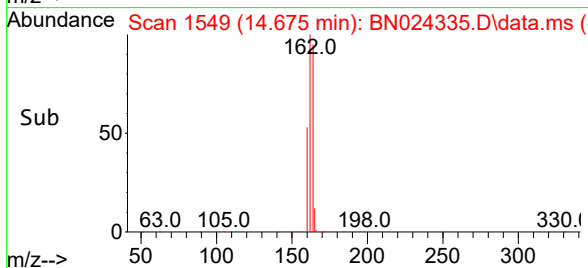
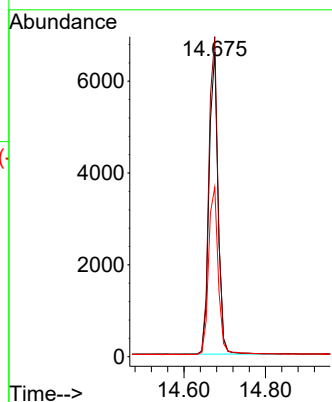
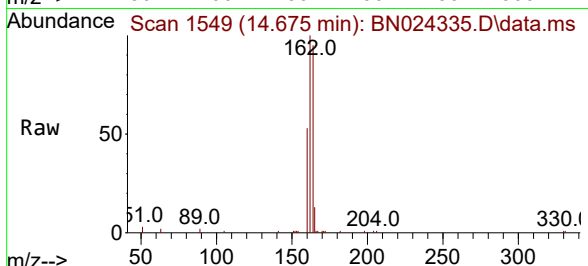




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

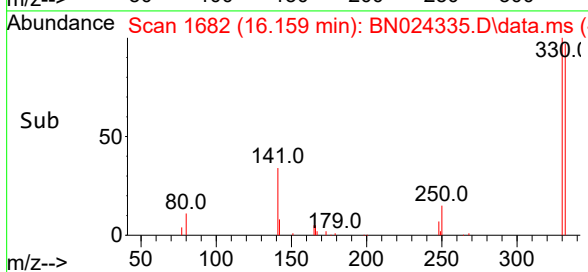
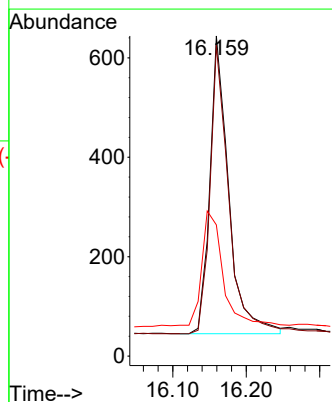
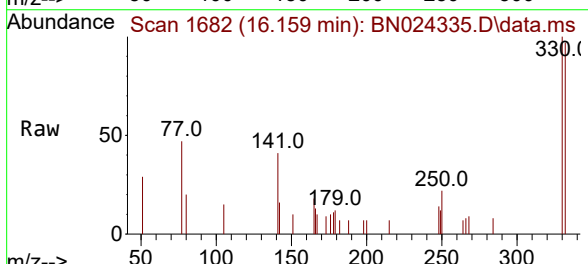
Instrument :
BNA_N
ClientSampleId :
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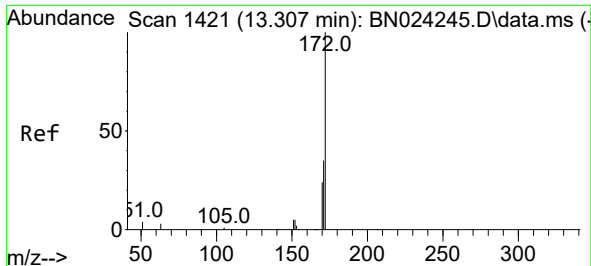
Tgt Ion:	164	Resp:	10121
Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.7	127.1
160	55.6	44.6	66.8



#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion:	330	Resp:	1069
Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	42.8	30.8	46.2

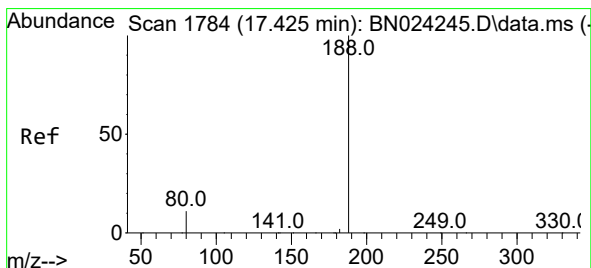
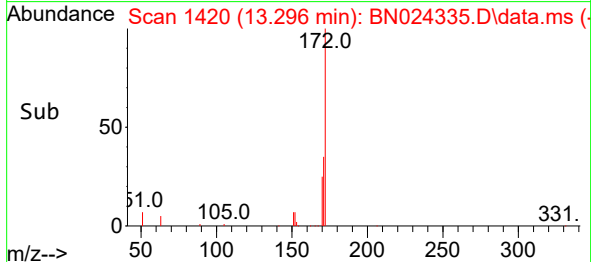
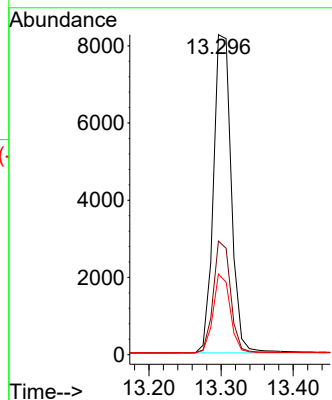
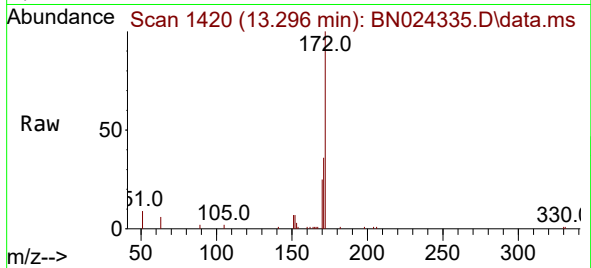




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.296 min Scan# 1421
Delta R.T. -0.010 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

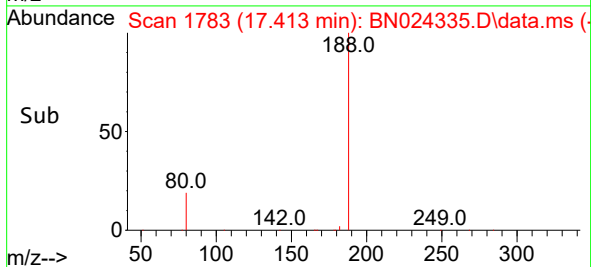
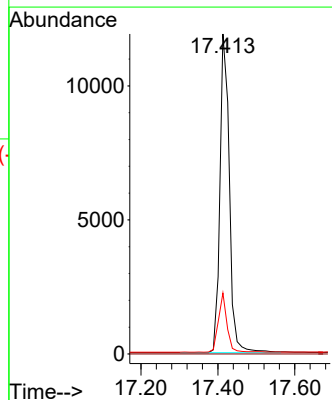
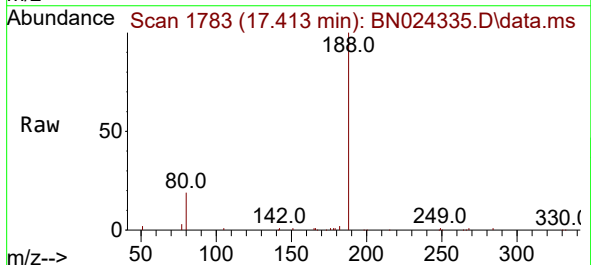
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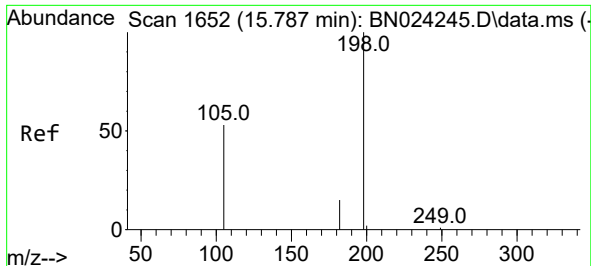
Tgt Ion:172 Resp: 14165
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 25.2 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion:188 Resp: 20255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.0 8.9 13.3#

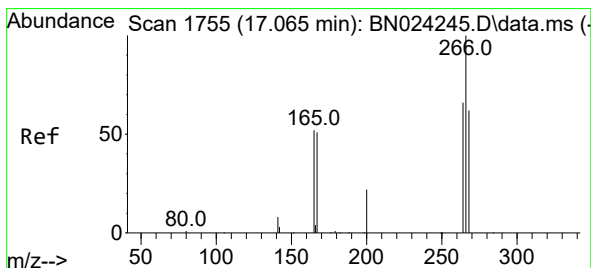
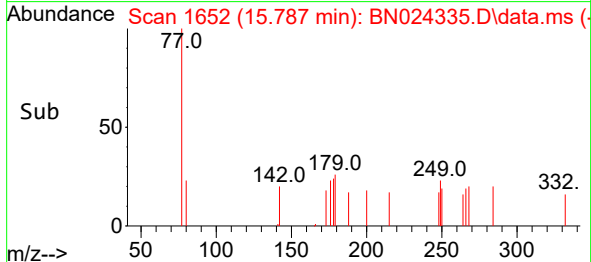
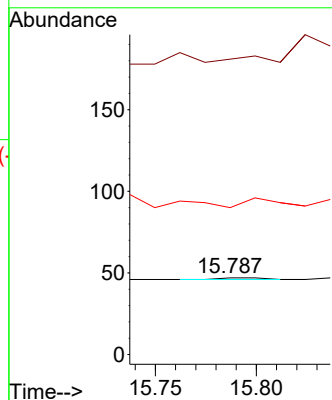
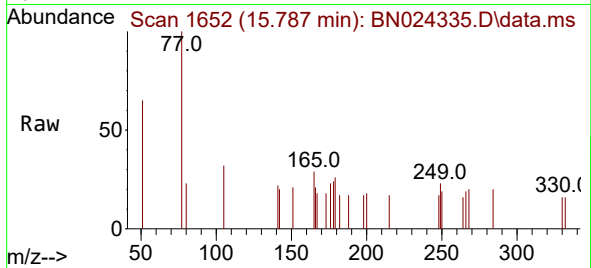




#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

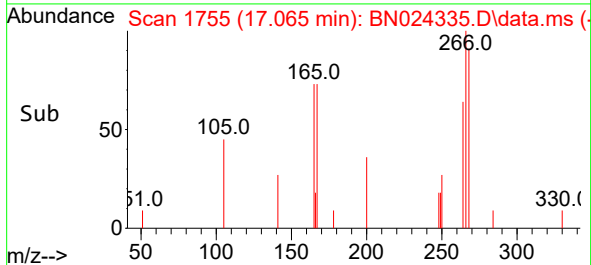
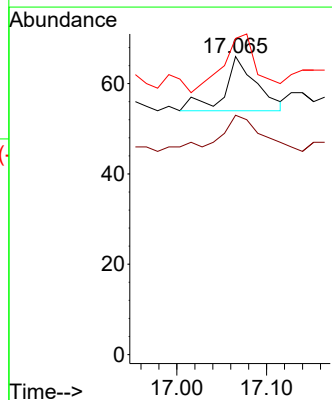
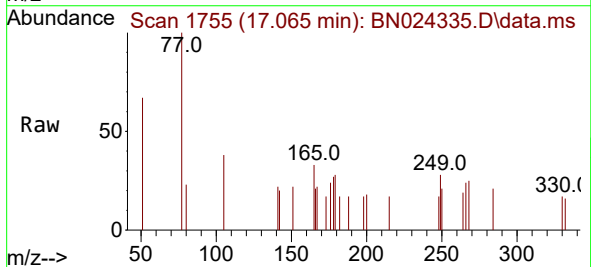
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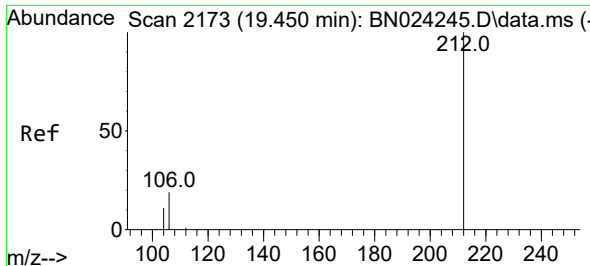
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 385.1 68.2 102.2#
105 191.5 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.132 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 83.3 51.1 76.7#
268 113.3 52.2 78.4#

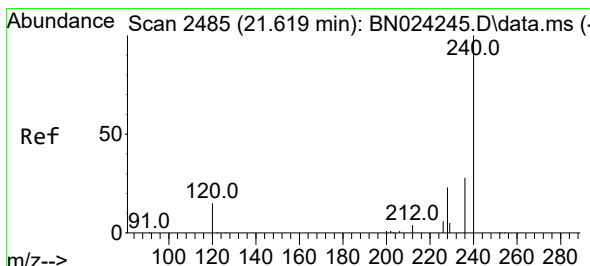
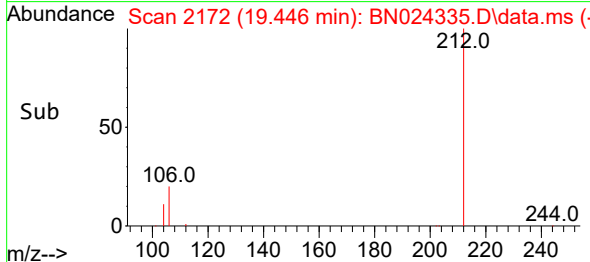
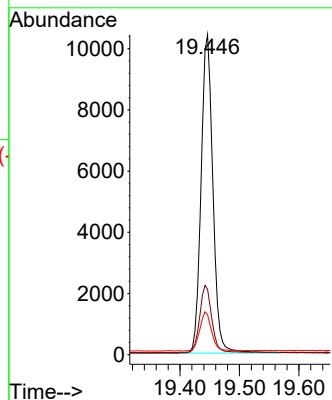
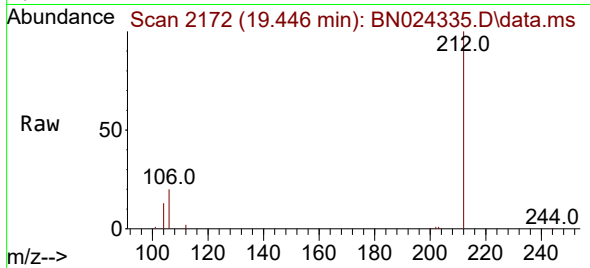




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

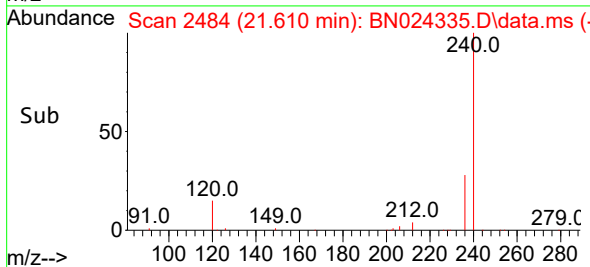
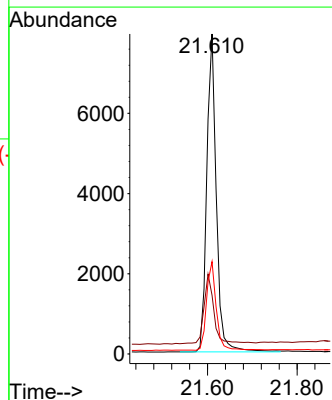
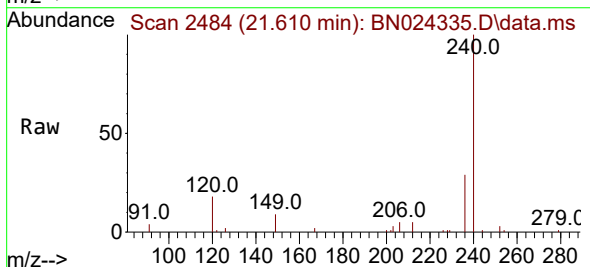
Instrument :
BNA_N
ClientSampleId :
PB151415BL

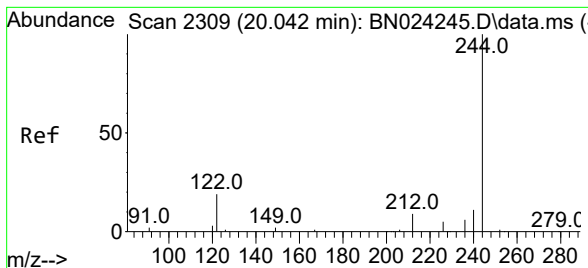
Tgt Ion:212 Resp: 14392
Ion Ratio Lower Upper
212 100
106 21.3 15.4 23.2
104 12.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024335.D
Acq: 17 Mar 2023 07:00

Tgt Ion:240 Resp: 11775
Ion Ratio Lower Upper
240 100
120 18.3 12.8 19.2
236 28.8 22.5 33.7





#31

Terphenyl-d14

Concen: 0.414 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024335.D

Acq: 17 Mar 2023 07:00

Instrument :

BNA_N

ClientSampleId :

PB151415BL

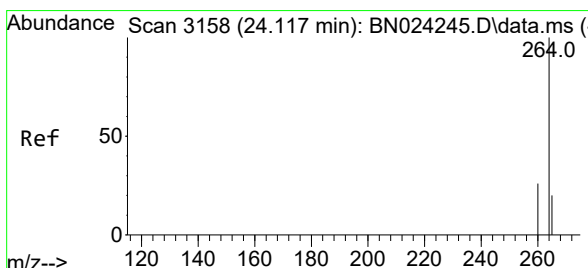
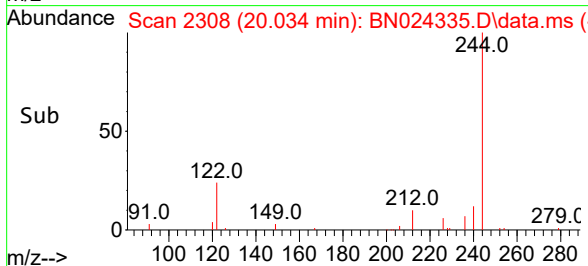
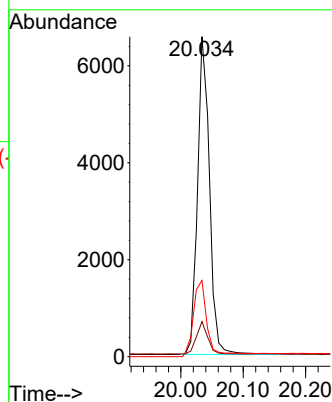
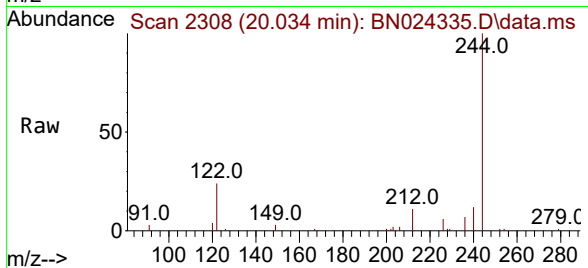
Tgt Ion:244 Resp: 8214

Ion Ratio Lower Upper

244 100

212 11.0 7.6 11.4

122 23.8 15.1 22.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024335.D

Acq: 17 Mar 2023 07:00

Tgt Ion:264 Resp: 8389

Ion Ratio Lower Upper

264 100

260 27.9 21.4 32.2

265 77.9 35.7 53.5#

