

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024316.D
 Acq On : 16 Mar 2023 18:08
 Operator : CG/JU
 Sample : PB151464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 04:42:48 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)

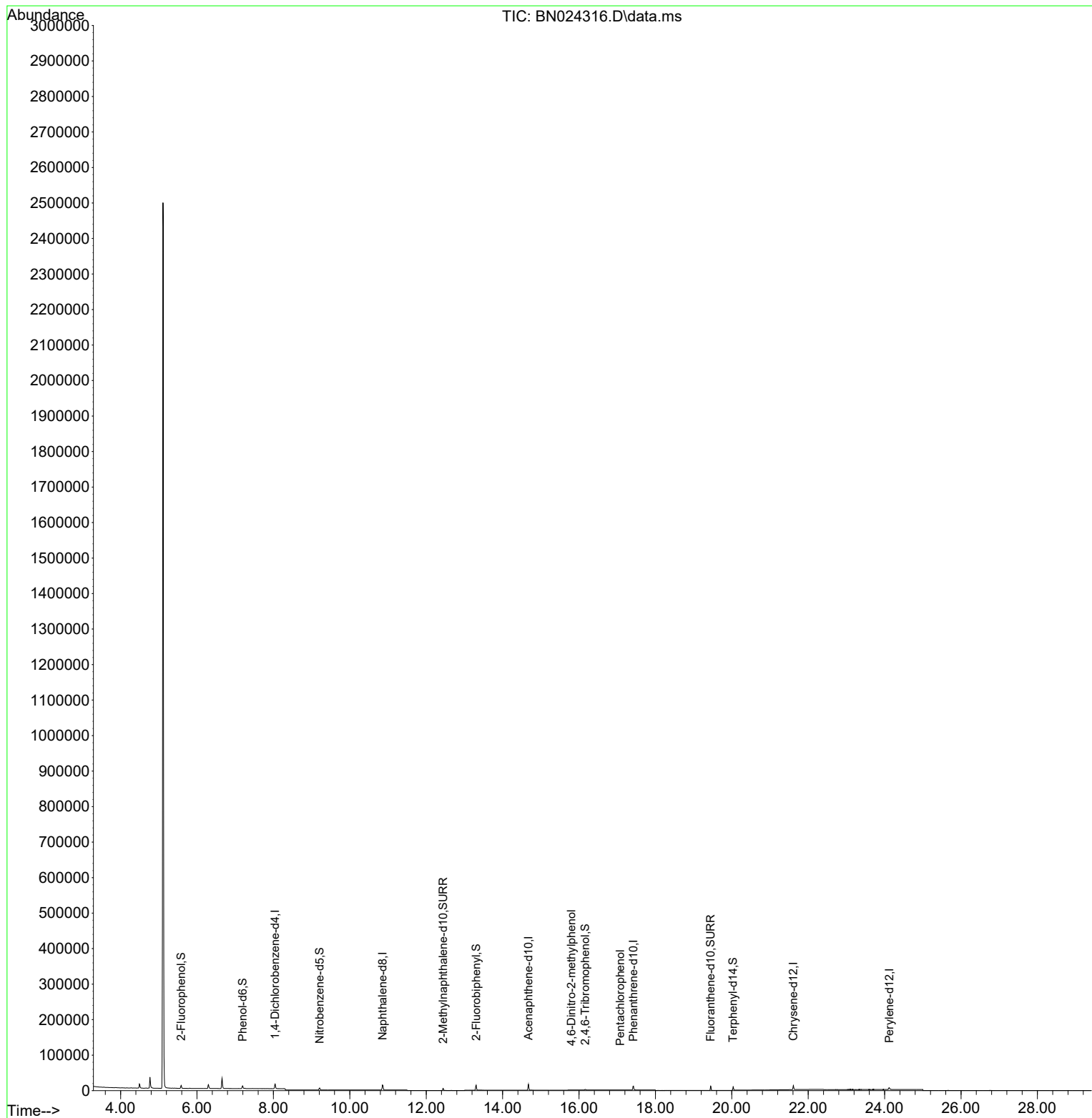
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	6816	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	19229	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	8590	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	17158	0.400	ng	0.01
29) Chrysene-d12	21.610	240	10880	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	8100	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	6107	0.405	ng	0.00
5) Phenol-d6	7.195	99	7370	0.380	ng	0.00
8) Nitrobenzene-d5	9.211	82	4970	0.387	ng	0.01
11) 2-Methylnaphthalene-d10	12.440	152	8101	0.343	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1145	0.261	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	12100	0.373	ng	0.00
27) Fluoranthene-d10	19.446	212	12789	0.352	ng	0.00
31) Terphenyl-d14	20.034	244	6681	0.364	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.799	198	1	0.178	ng	# 1
24) Pentachlorophenol	17.078	266	36	0.133	ng	# 90

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

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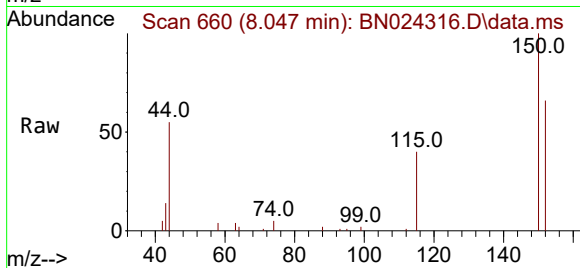
Quant Time: Mar 17 04:42:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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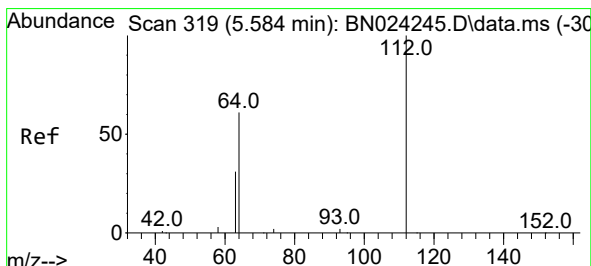
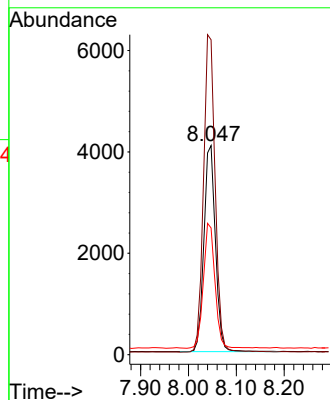
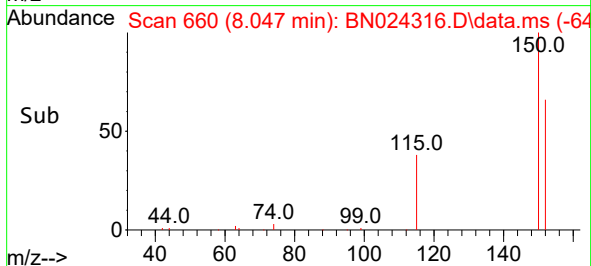


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.007 min
 Lab File: BN024316.D
 Acq: 16 Mar 2023 18:08

Instrument :
 BNA_N
 ClientSampleId :

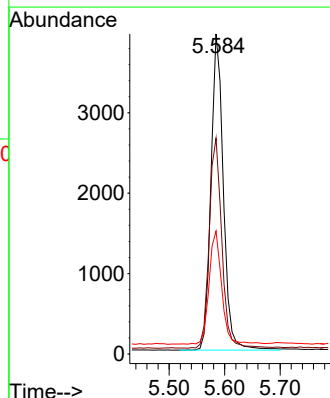
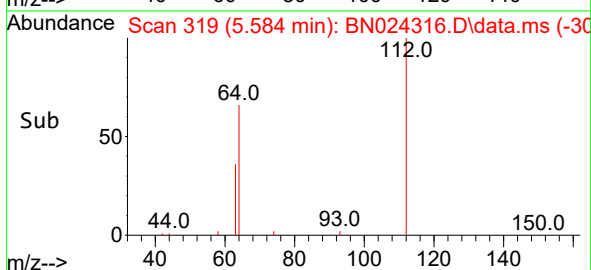
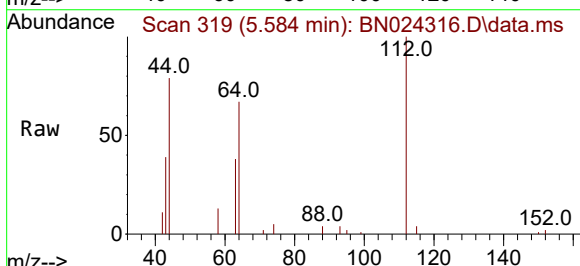


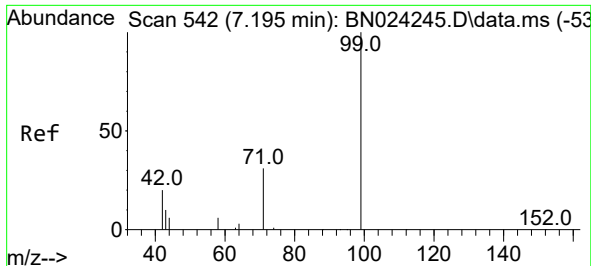
Tgt Ion:152 Resp: 6816
 Ion Ratio Lower Upper
 152 100
 150 150.6 124.7 187.1
 115 60.6 49.1 73.7



#4
 2-Fluorophenol
 Concen: 0.405 ng
 RT: 5.584 min Scan# 319
 Delta R.T. 0.007 min
 Lab File: BN024316.D
 Acq: 16 Mar 2023 18:08

Tgt Ion:112 Resp: 6107
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.0 73.6
 63 36.3 25.7 38.5

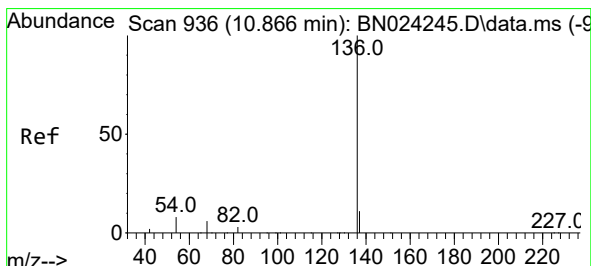
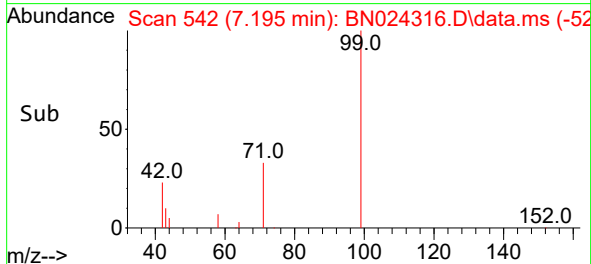
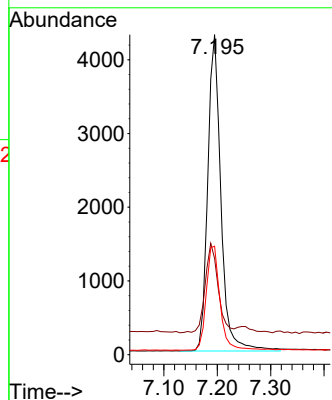
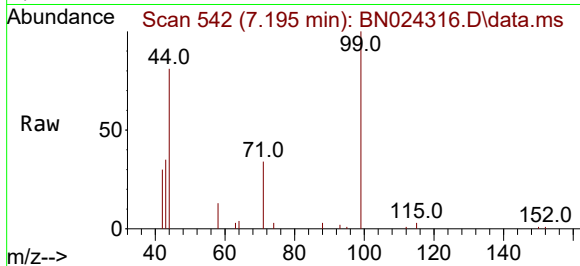




#5
Phenol-d6
Concen: 0.380 ng
RT: 7.195 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

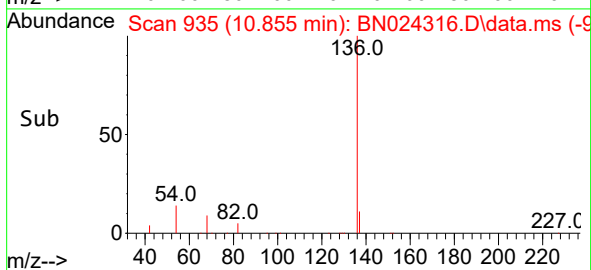
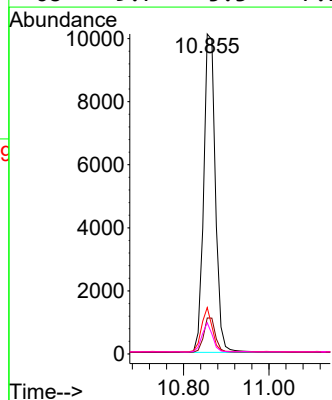
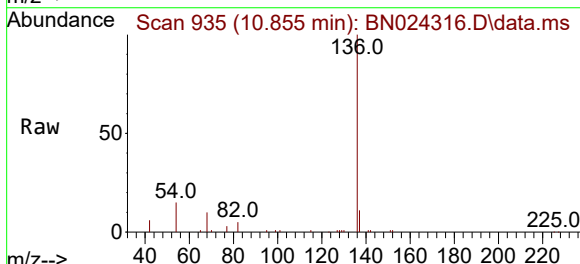
Instrument :
BNA_N
ClientSampleId :

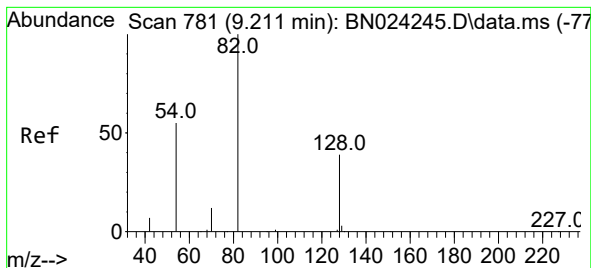
Tgt Ion: 99 Resp: 7370
Ion Ratio Lower Upper
99 100
42 27.7 20.1 30.1
71 34.5 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

Tgt Ion:136 Resp: 19229
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 14.5 7.1 10.7#
68 9.7 5.3 7.9#

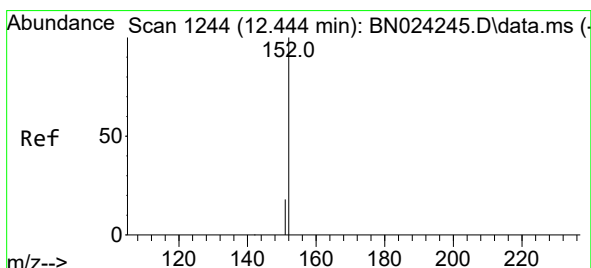
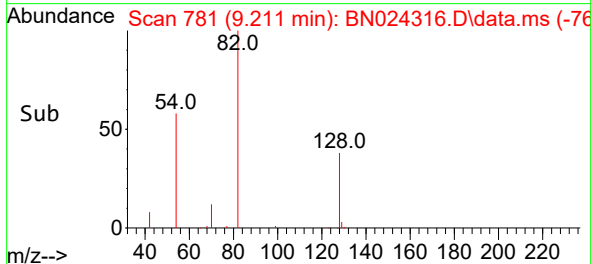
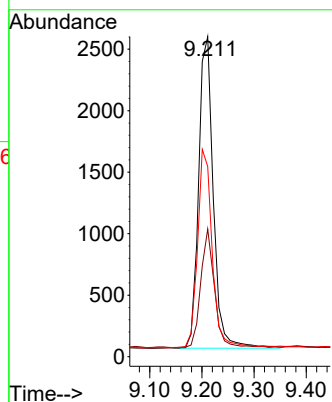
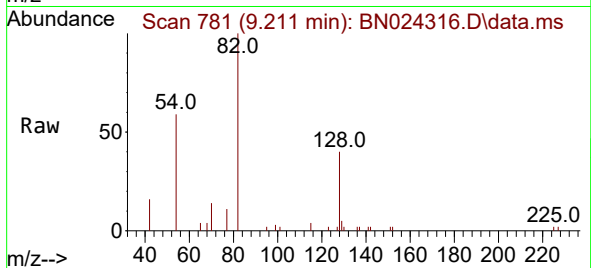




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

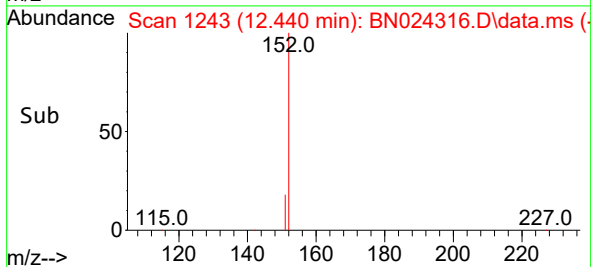
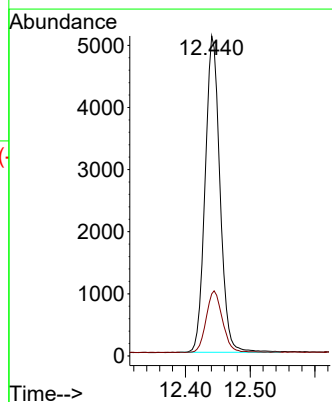
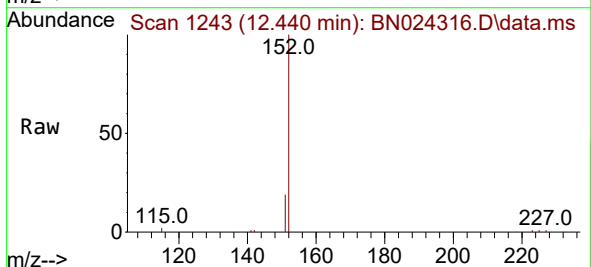
Instrument :
BNA_N
ClientSampleId :

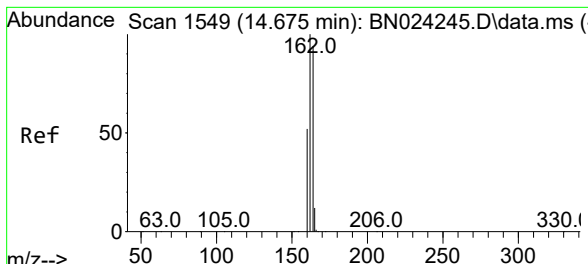
Tgt Ion: 82 Resp: 4970
Ion Ratio Lower Upper
82 100
128 39.9 32.4 48.6
54 59.4 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.440 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

Tgt Ion: 152 Resp: 8101
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2

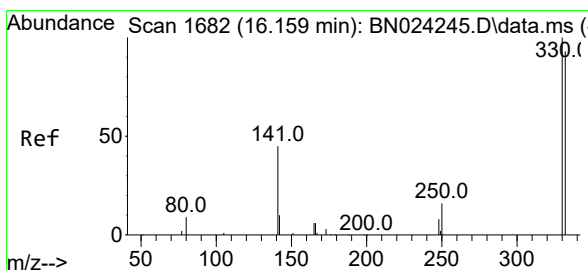
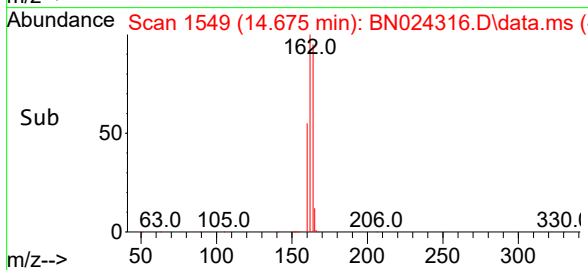
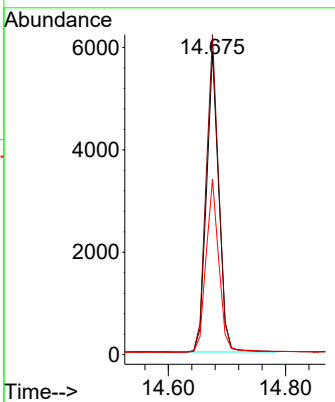
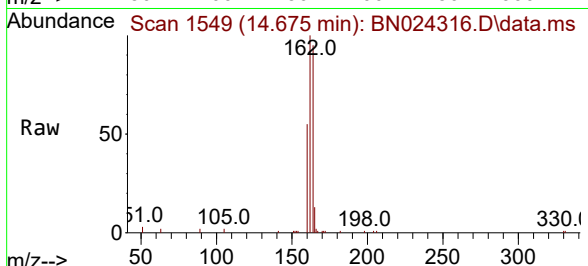




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024316.D
 Acq: 16 Mar 2023 18:08

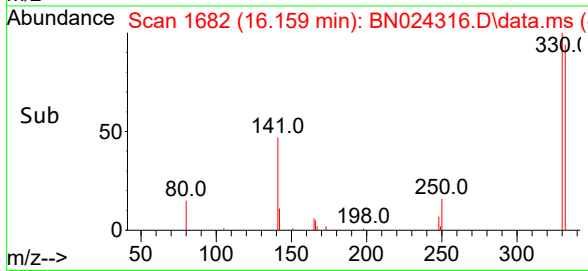
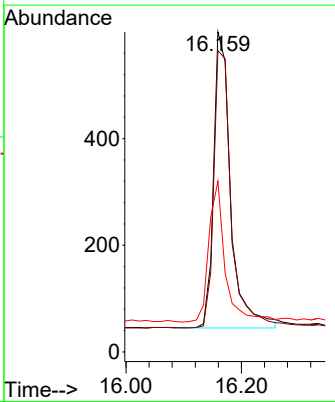
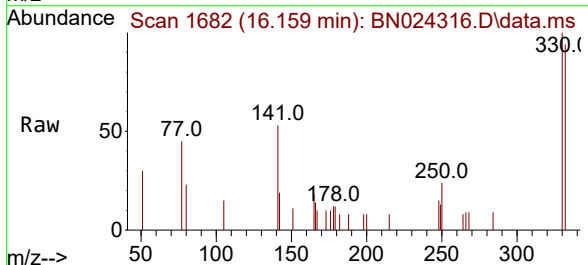
Instrument :
 BNA_N
 ClientSampleId :

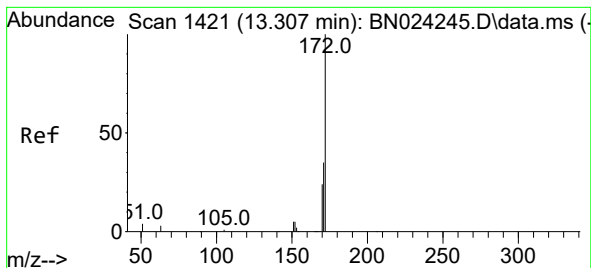
Tgt Ion:	164	Resp:	8590
Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.7	127.1
160	57.9	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.261 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024316.D
 Acq: 16 Mar 2023 18:08

Tgt Ion:	330	Resp:	1145
Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	45.3	30.8	46.2





#15

2-Fluorobiphenyl

Concen: 0.373 ng

RT: 13.307 min Scan# 1421

Delta R.T. 0.000 min

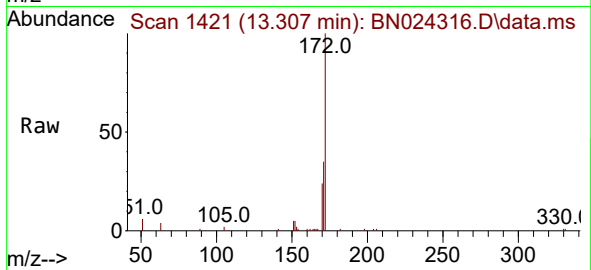
Lab File: BN024316.D

Acq: 16 Mar 2023 18:08

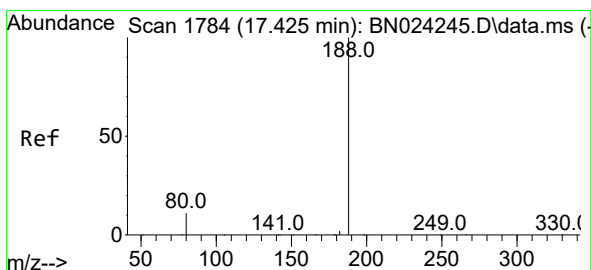
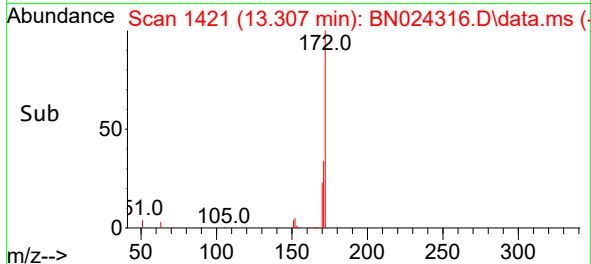
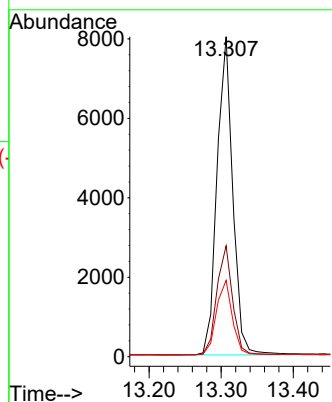
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	172	Resp:	12100
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.8	41.8
170	23.9	19.0	28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

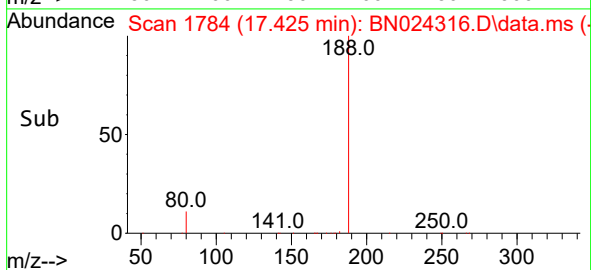
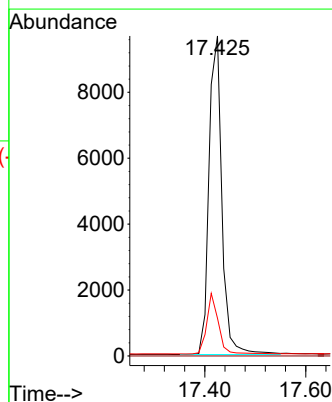
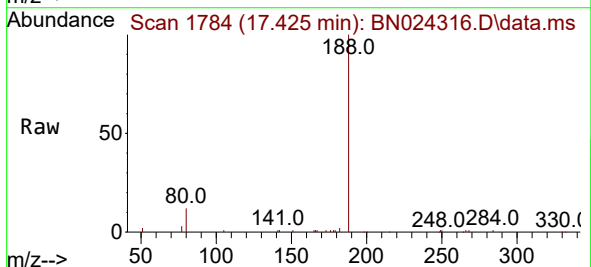
RT: 17.425 min Scan# 1784

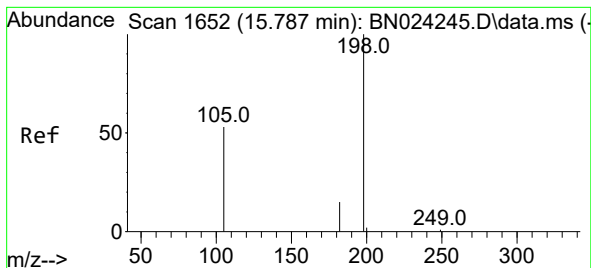
Delta R.T. 0.012 min

Lab File: BN024316.D

Acq: 16 Mar 2023 18:08

Tgt Ion:	188	Resp:	17158
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.8	8.9	13.3

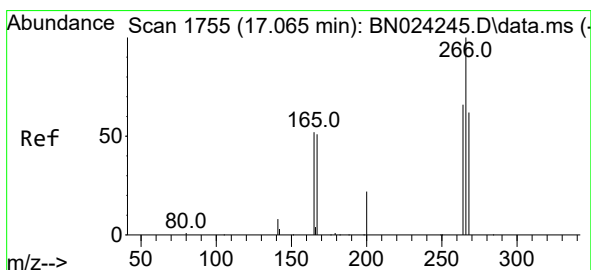
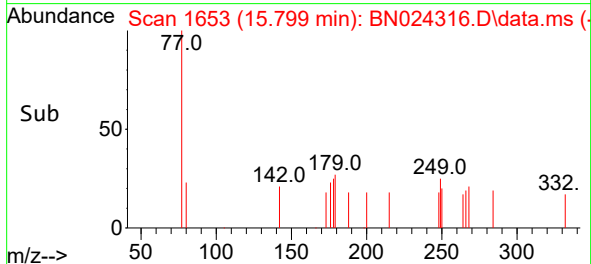
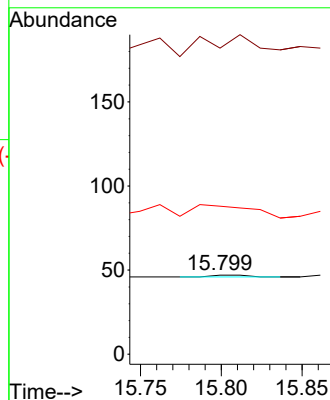
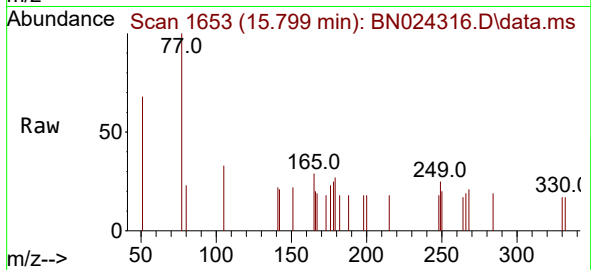




#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.799 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

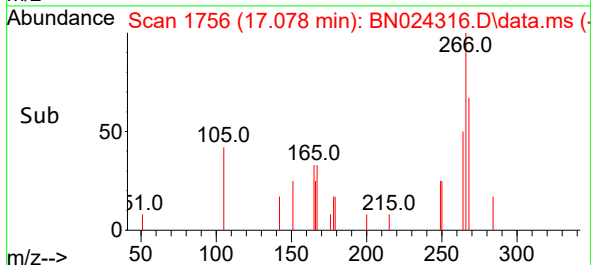
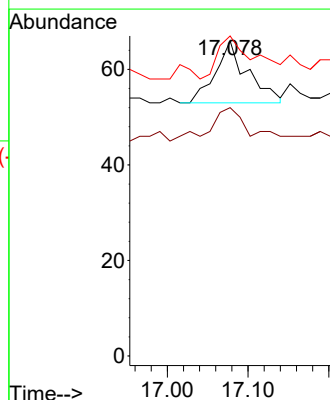
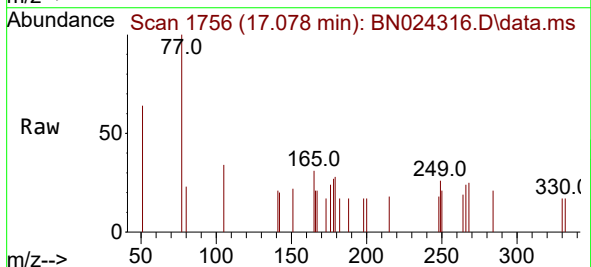
Instrument :
BNA_N
ClientSampleId :

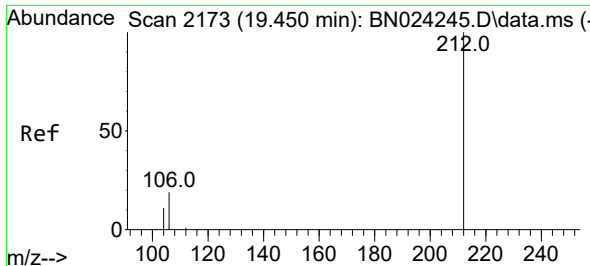
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 387.2 68.2 102.2#
105 187.2 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.133 ng
RT: 17.078 min Scan# 1756
Delta R.T. 0.012 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

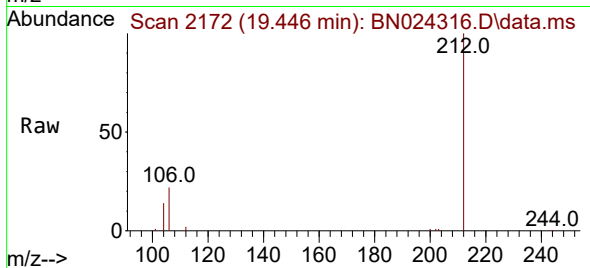
Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 63.9 51.1 76.7
268 80.6 52.2 78.4#



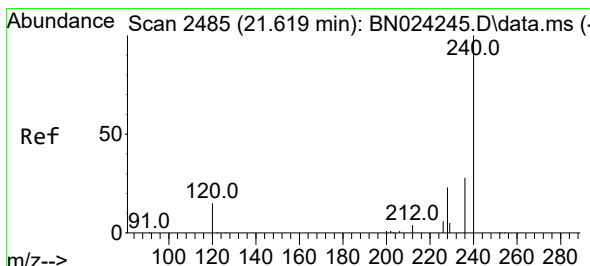
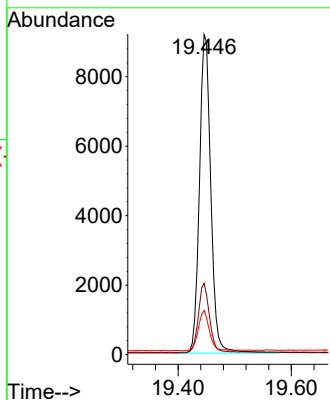
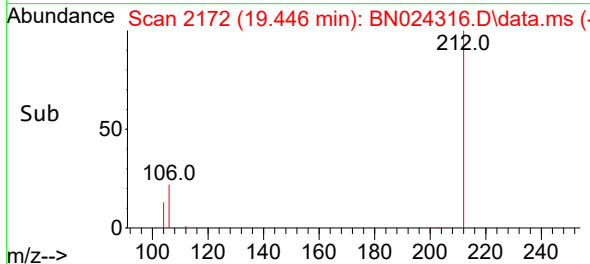


#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

Instrument :
BNA_N
ClientSampleId :

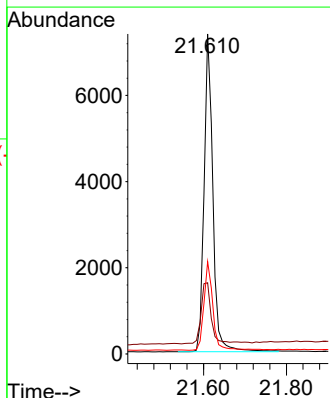
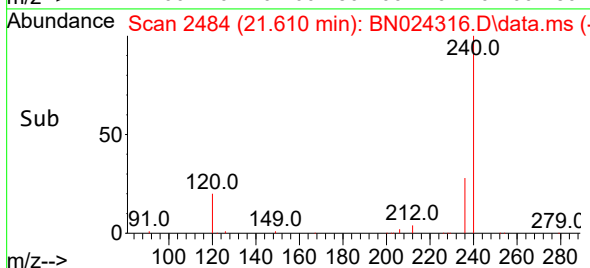
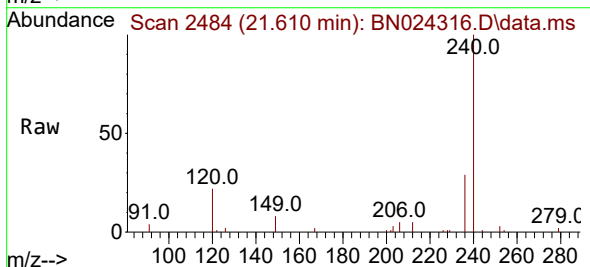


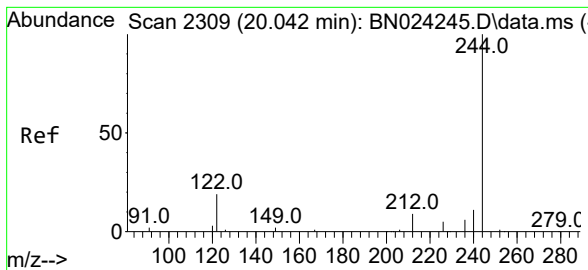
Tgt Ion:212 Resp: 12789
Ion Ratio Lower Upper
212 100
106 21.2 15.4 23.2
104 12.3 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024316.D
Acq: 16 Mar 2023 18:08

Tgt Ion:240 Resp: 10880
Ion Ratio Lower Upper
240 100
120 22.3 12.8 19.2#
236 28.9 22.5 33.7





#31

Terphenyl-d14

Concen: 0.364 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024316.D

Acq: 16 Mar 2023 18:08

Instrument :

BNA_N

ClientSampleId :

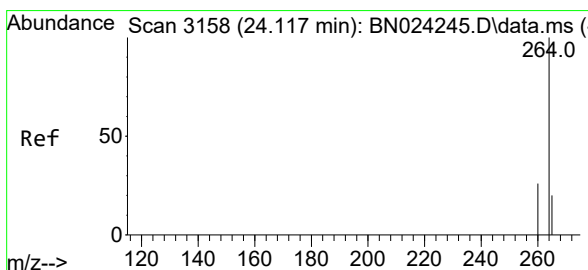
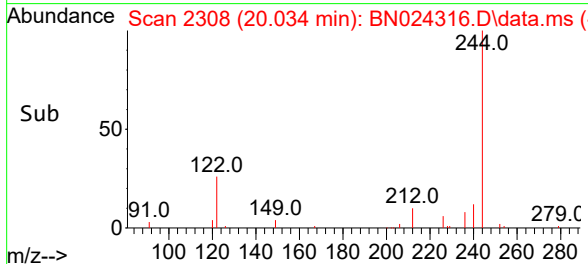
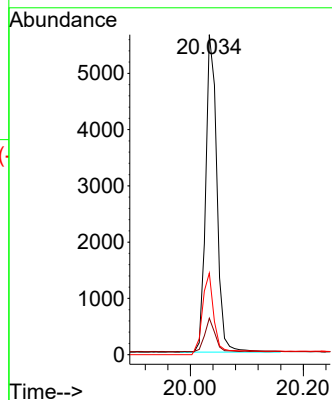
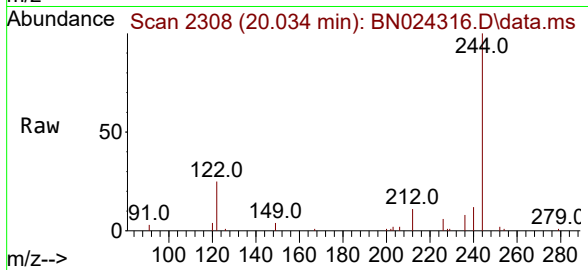
Tgt Ion:244 Resp: 6681

Ion Ratio Lower Upper

244 100

212 11.4 7.6 11.4

122 25.5 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: BN024316.D

Acq: 16 Mar 2023 18:08

Tgt Ion:264 Resp: 8100

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

265 71.7 35.7 53.5#

