

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
 Data File : BN023206.D
 Acq On : 14 Dec 2022 18:41
 Operator : CG/JU
 Sample : N6000-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN03-12092022

Quant Time: Dec 15 02:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

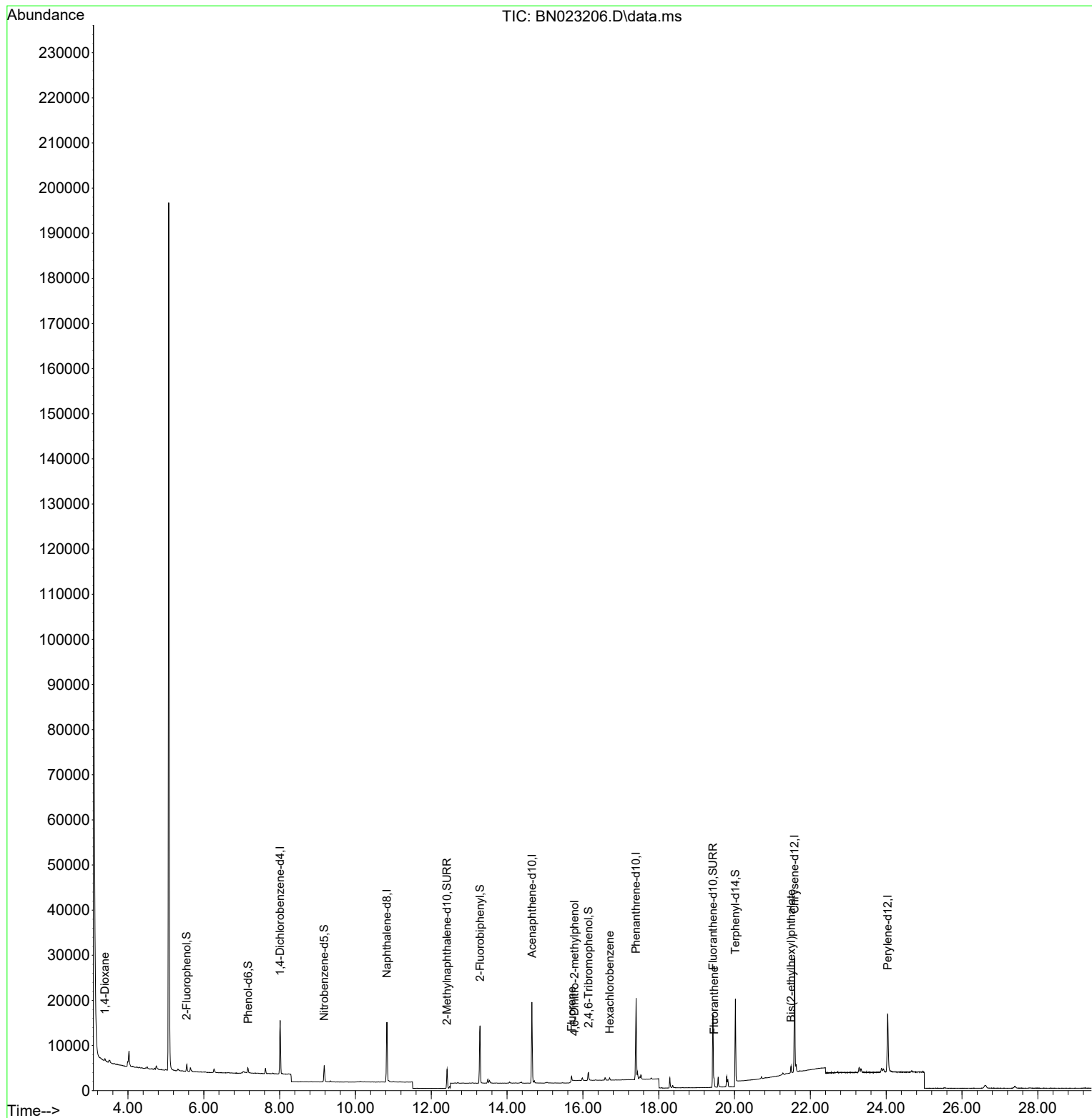
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	5594	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	16748	0.400	ng	-0.01
13) Acenaphthene-d10	14.656	164	9477	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	23264	0.400	ng	# 0.00
29) Chrysene-d12	21.580	240	22707	0.400	ng	# 0.00
35) Perylene-d12	24.039	264	19160	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	1245	0.120	ng	0.00
5) Phenol-d6	7.168	99	1007	0.076	ng	0.00
8) Nitrobenzene-d5	9.174	82	2885	0.261	ng	-0.01
11) 2-Methylnaphthalene-d10	12.416	152	5427	0.191	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1149	0.334	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	11436	0.302	ng	0.00
27) Fluoranthene-d10	19.431	212	17408	0.320	ng	0.00
31) Terphenyl-d14	20.022	244	12913	0.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.391	88	475	0.086	ng	# 72
18) Fluorene	15.703	166	776	0.025	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.776	198	11	0.234	ng	# 1
22) Hexachlorobenzene	16.707	284	372	0.023	ng	96
28) Fluoranthene	19.460	202	1514	0.020	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.491	149	1514	0.049	ng	# 99

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

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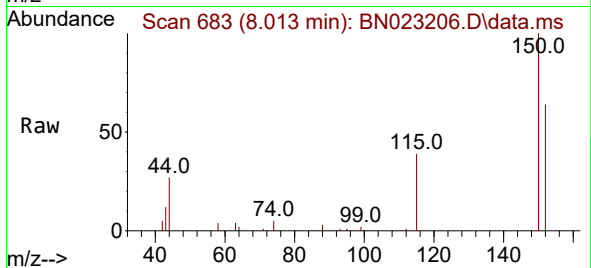
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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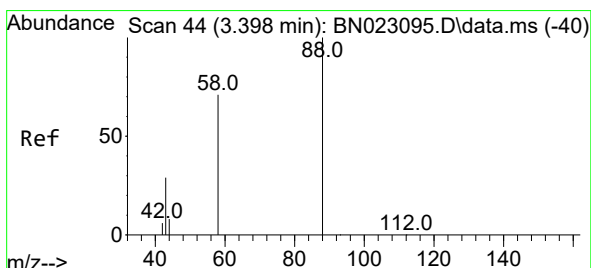
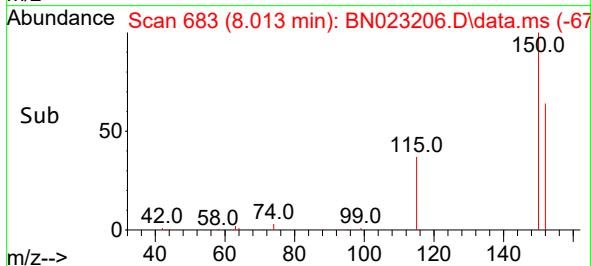
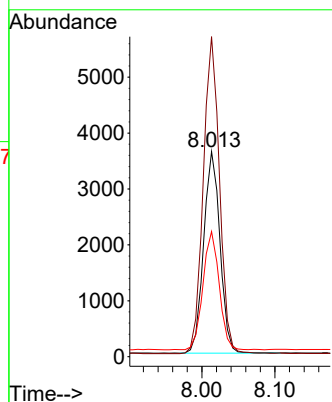


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.013 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN023206.D
 Acq: 14 Dec 2022 18:41

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN03-12092022

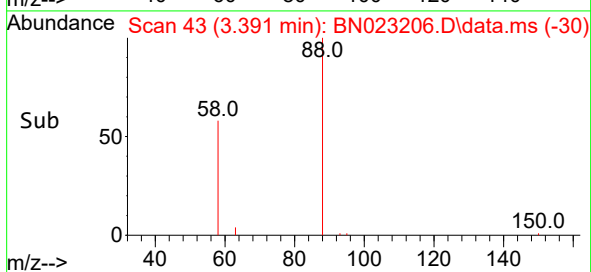
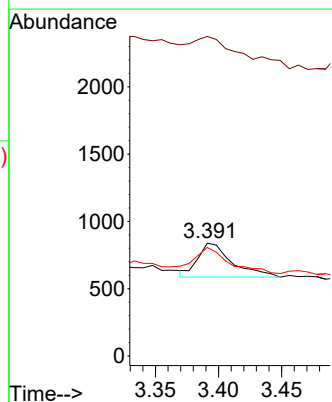
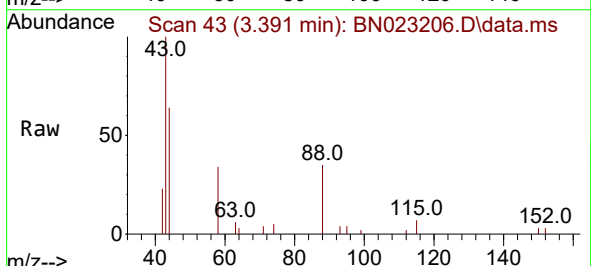


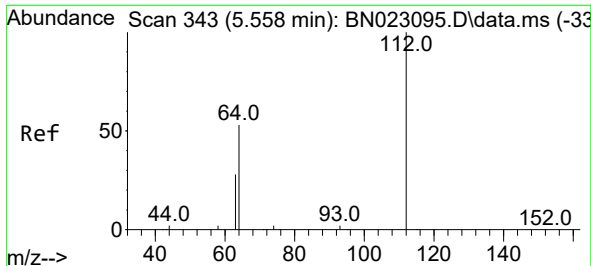
Tgt Ion:152 Resp: 5594
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.6 188.4
 115 61.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.086 ng
 RT: 3.391 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN023206.D
 Acq: 14 Dec 2022 18:41

Tgt Ion: 88 Resp: 475
 Ion Ratio Lower Upper
 88 100
 43 67.4 23.3 34.9#
 58 81.1 58.0 87.0

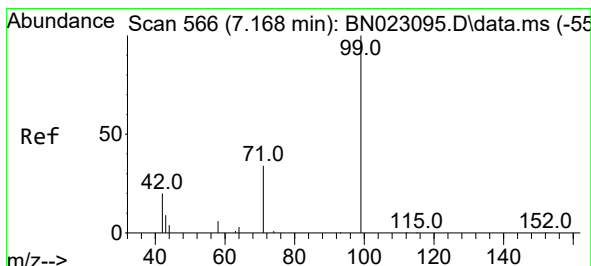
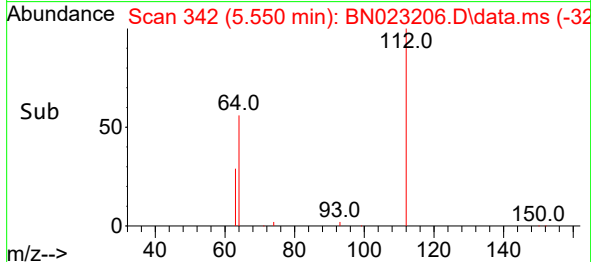
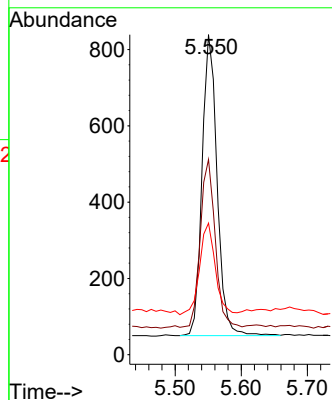
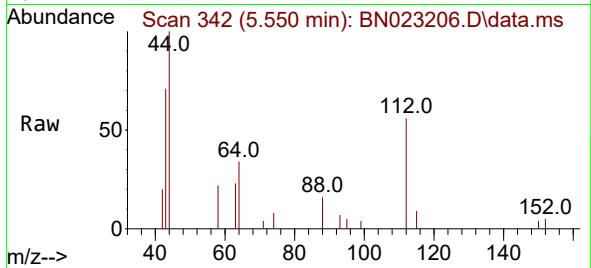




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.550 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

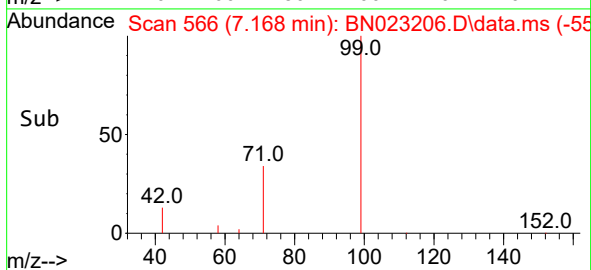
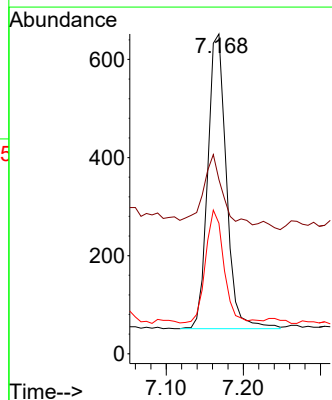
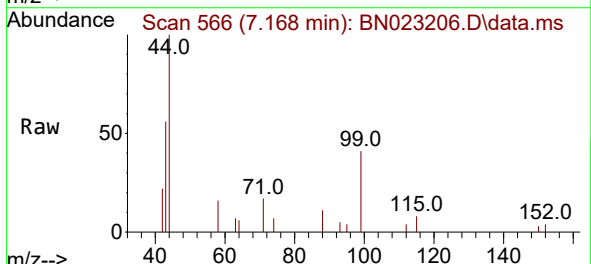
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

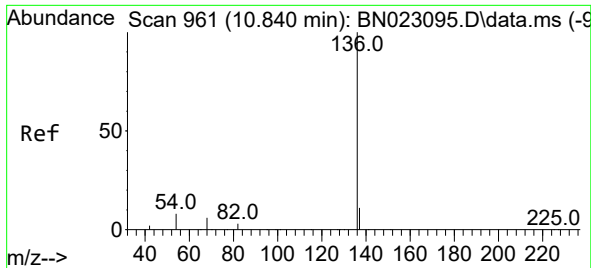
Tgt Ion:112 Resp: 1245
Ion Ratio Lower Upper
112 100
64 55.3 44.4 66.6
63 31.7 23.7 35.5



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion: 99 Resp: 1007
Ion Ratio Lower Upper
99 100
42 23.0 16.3 24.5
71 38.4 26.5 39.7

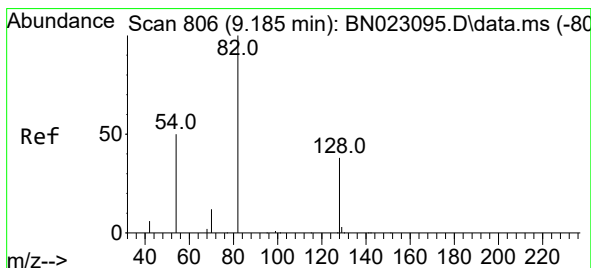
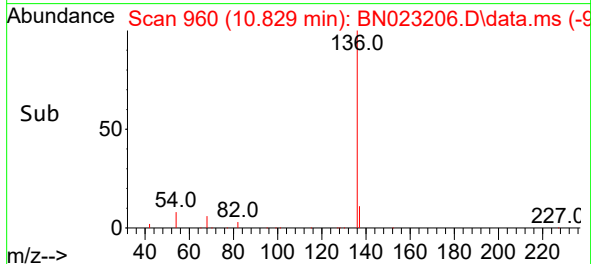
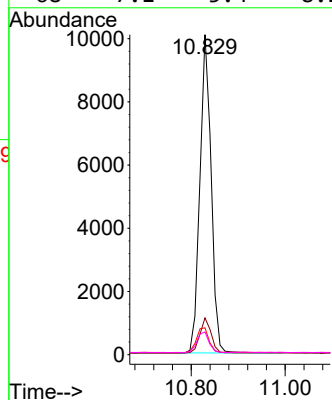
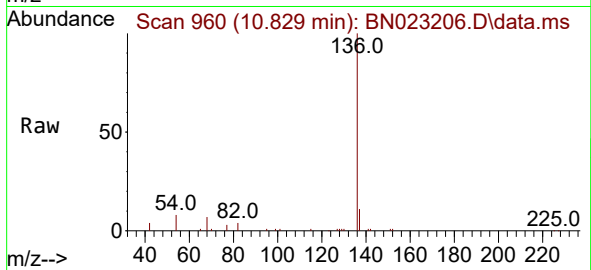




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

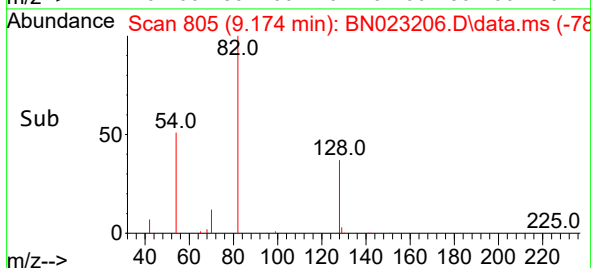
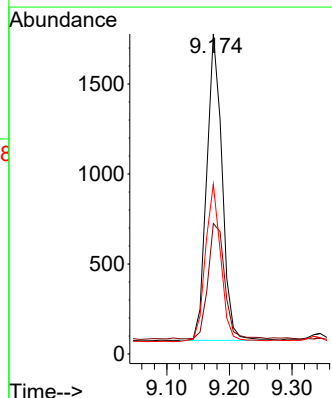
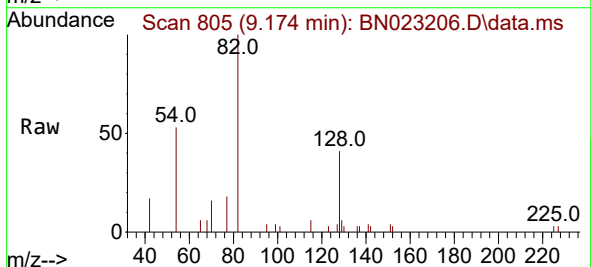
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

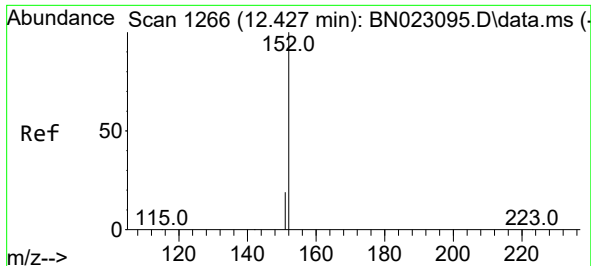
Tgt Ion:	136	Resp:	16748
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	8.4	6.5	9.7
68	7.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:	82	Resp:	2885
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.4	47.2
54	53.0	41.0	61.4





#11

2-Methylnaphthalene-d10

Concen: 0.191 ng

RT: 12.416 min Scan# 1263

Delta R.T. -0.004 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

Instrument :

BNA_N

ClientSampleId :

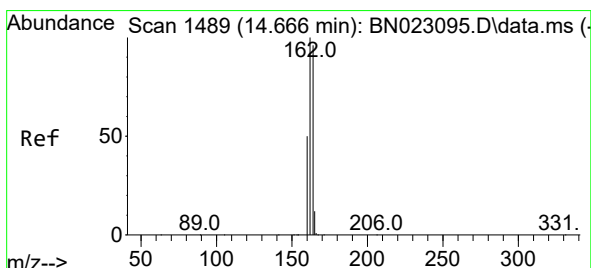
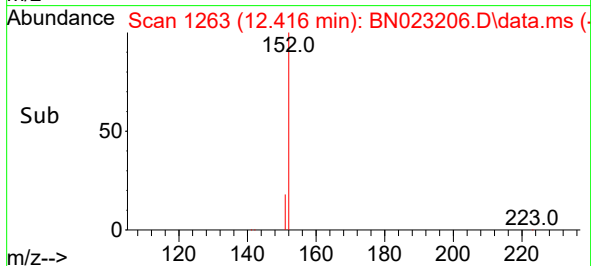
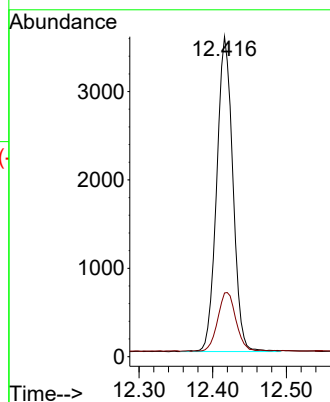
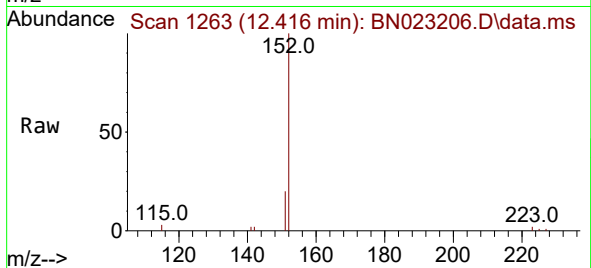
RW9-PT-IN03-12092022

Tgt Ion:152 Resp: 5427

Ion Ratio Lower Upper

152 100

151 21.1 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.656 min Scan# 1488

Delta R.T. -0.000 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

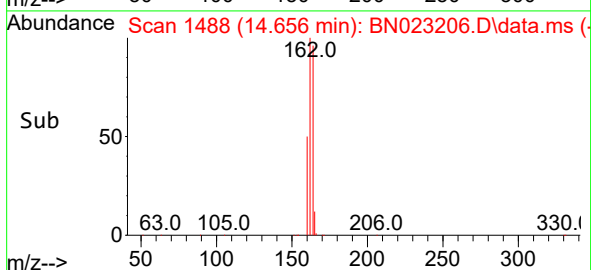
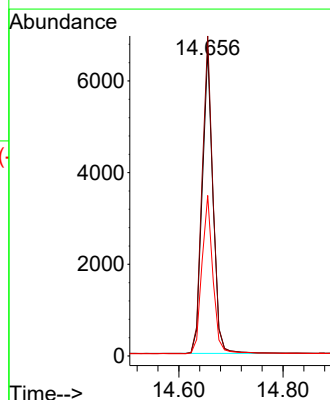
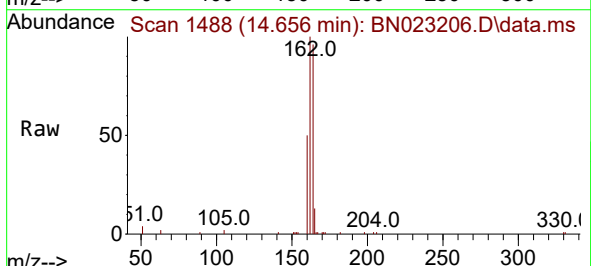
Tgt Ion:164 Resp: 9477

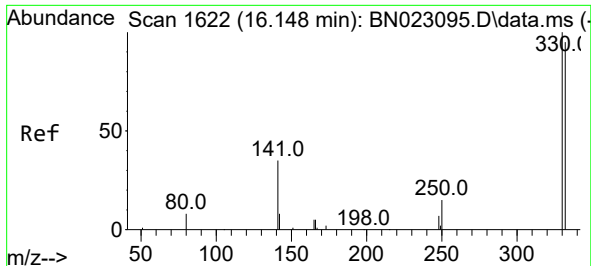
Ion Ratio Lower Upper

164 100

162 104.4 83.4 125.0

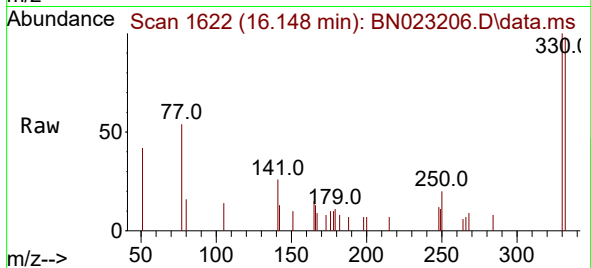
160 52.4 41.8 62.8



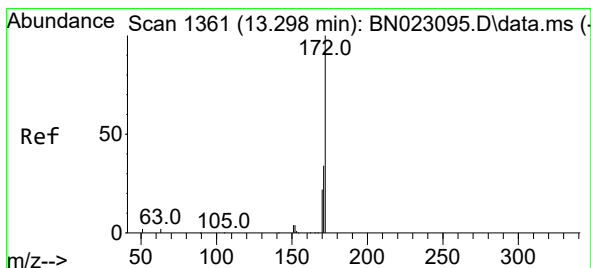
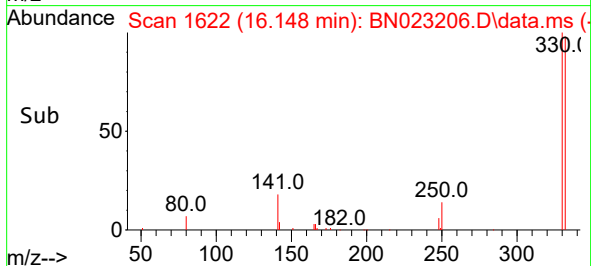
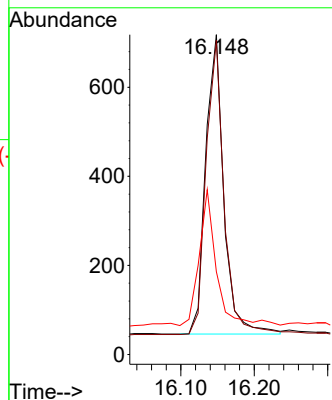


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 16.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

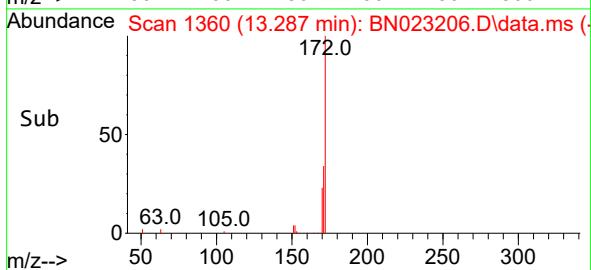
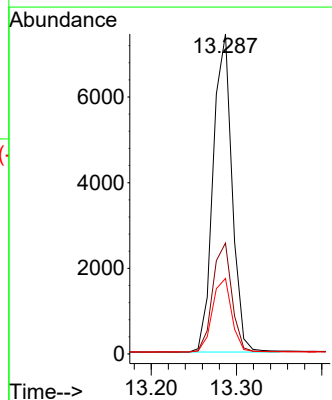
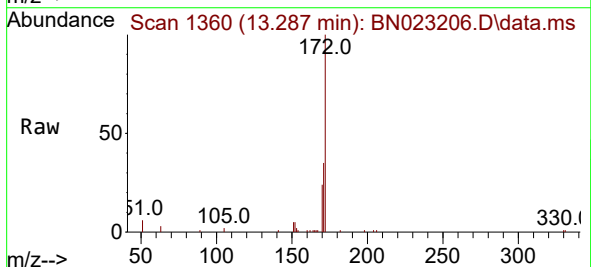


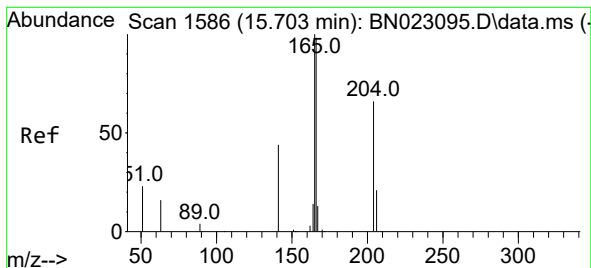
Tgt Ion:330 Resp: 1149
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 42.4 33.5 50.3



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:172 Resp: 11436
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.6 17.9 26.9





#18

Fluorene

Concen: 0.025 ng

RT: 15.703 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN03-12092022

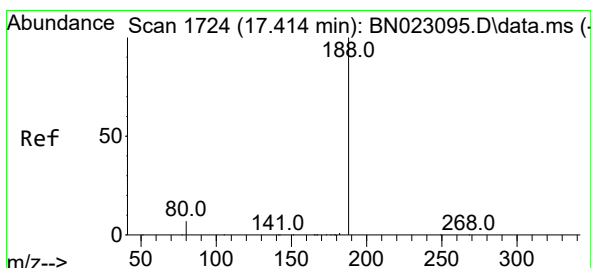
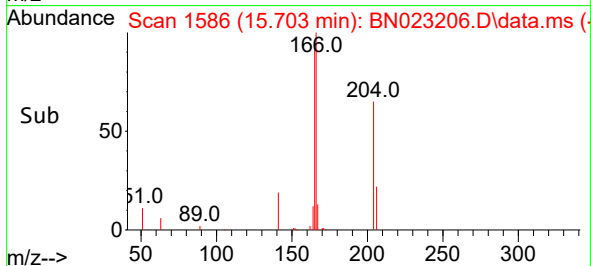
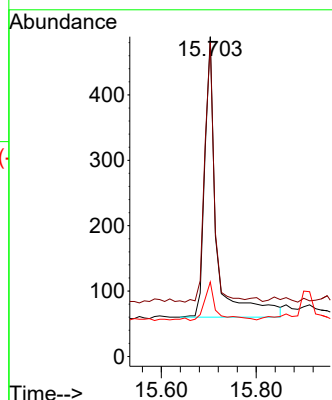
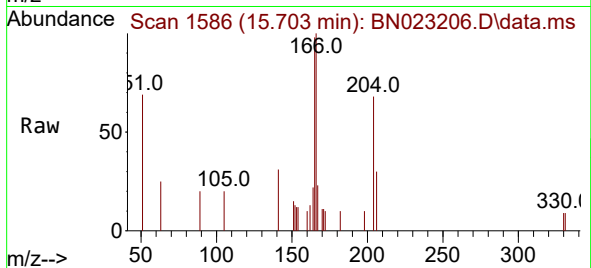
Tgt Ion:166 Resp: 776

Ion Ratio Lower Upper

166 100

165 73.6 79.8 119.6#

167 13.7 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

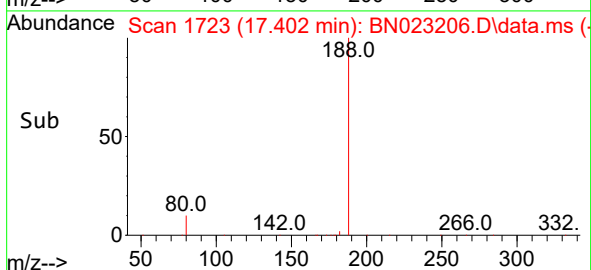
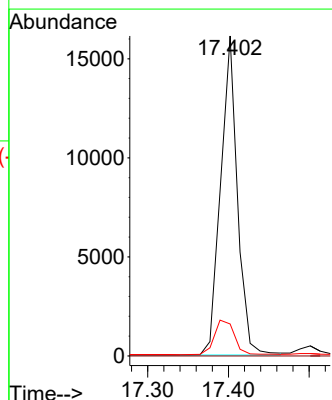
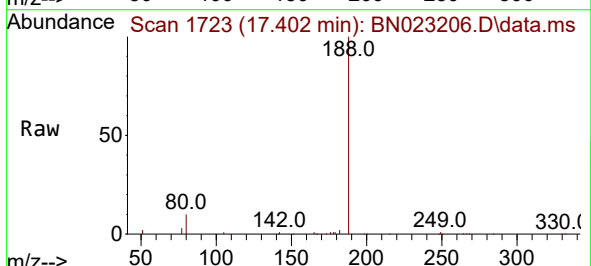
Tgt Ion:188 Resp: 23264

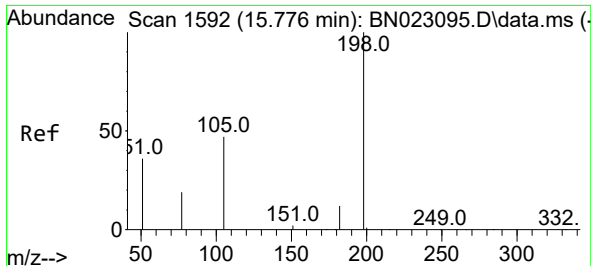
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.1 9.1#

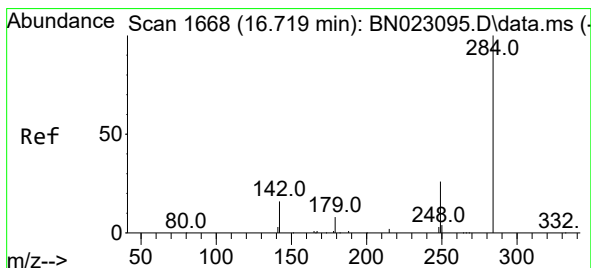
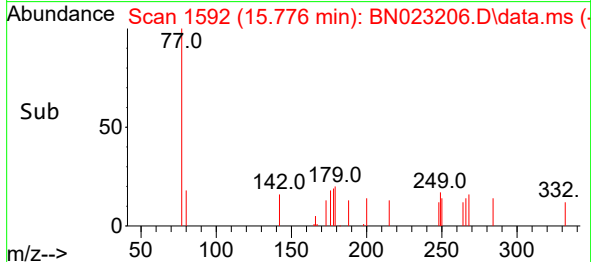
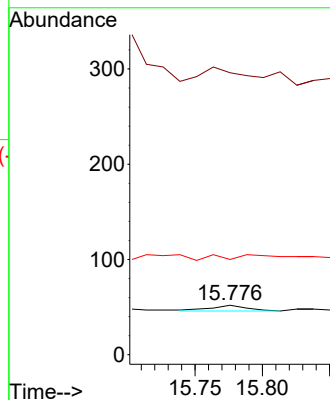
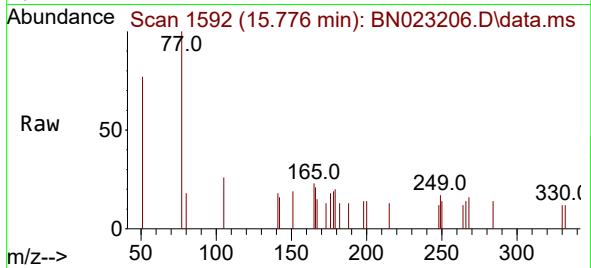




#20
4,6-Dinitro-2-methylphenol
Concen: 0.234 ng
RT: 15.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

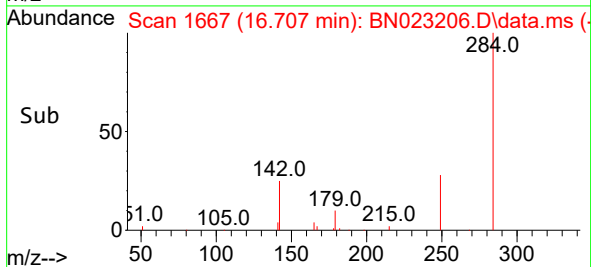
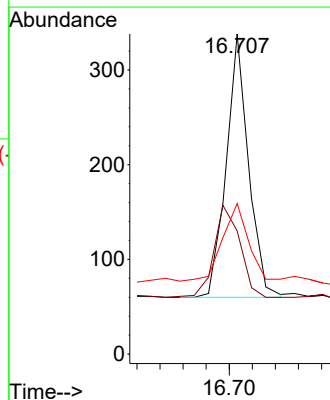
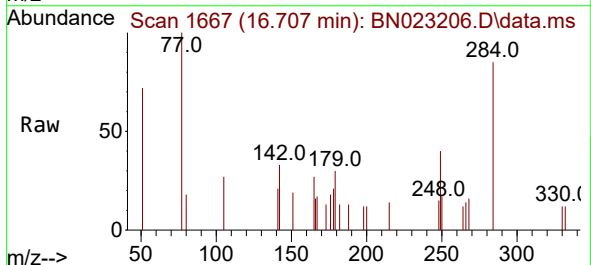
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

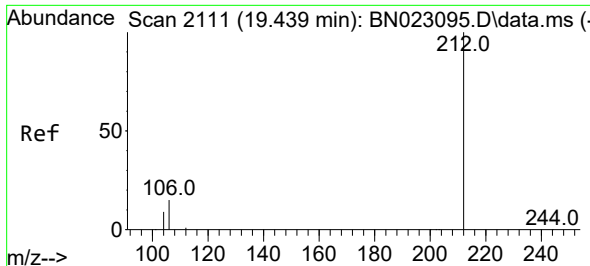
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 569.2 57.0 85.4#
105 192.3 47.2 70.8#



#22
Hexachlorobenzene
Concen: 0.023 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:284 Resp: 372
Ion Ratio Lower Upper
284 100
142 40.3 31.0 46.4
249 34.1 24.4 36.6

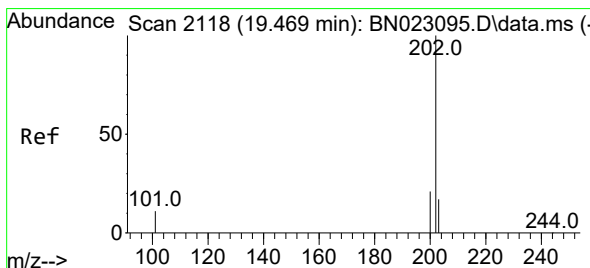
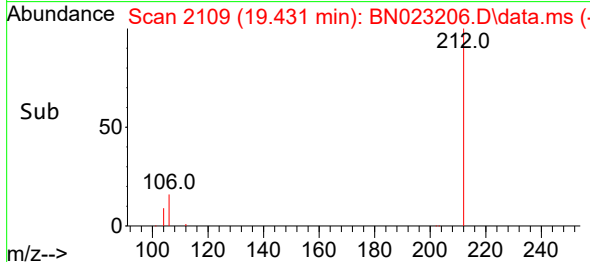
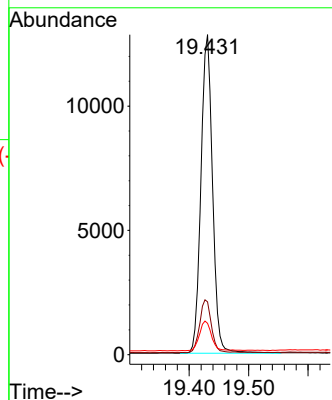
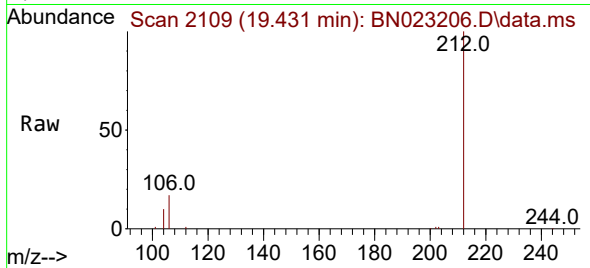




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.431 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

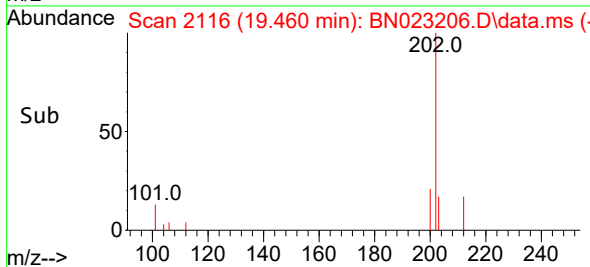
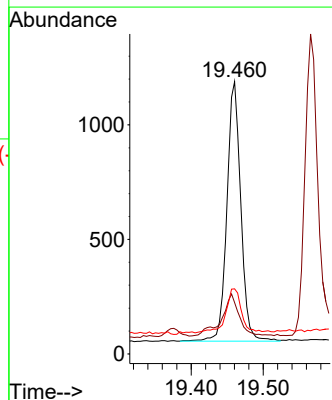
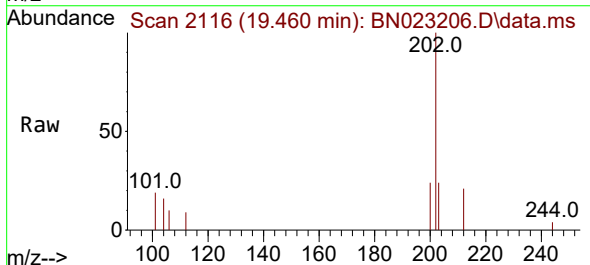
Instrument :
BNA_N
ClientSampleId :
RW9-PT-IN03-12092022

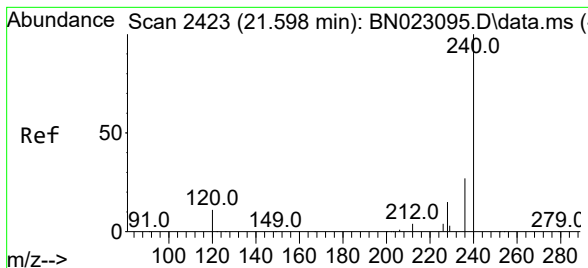
Tgt Ion:212 Resp: 17408
Ion Ratio Lower Upper
212 100
106 16.8 13.0 19.4
104 9.7 7.5 11.3



#28
Fluoranthene
Concen: 0.020 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN023206.D
Acq: 14 Dec 2022 18:41

Tgt Ion:202 Resp: 1514
Ion Ratio Lower Upper
202 100
101 20.3 9.7 14.5#
203 20.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.580 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

Instrument :

BNA_N

ClientSampleId :

RW9-PT-IN03-12092022

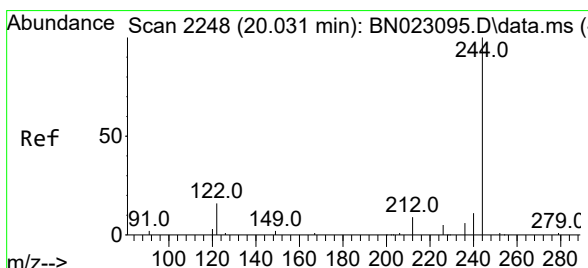
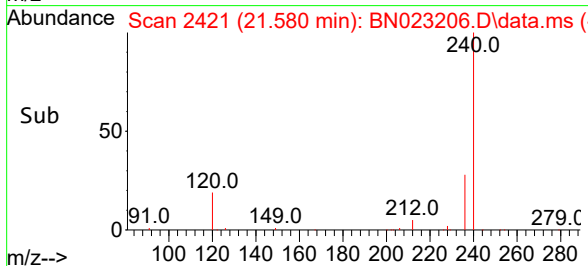
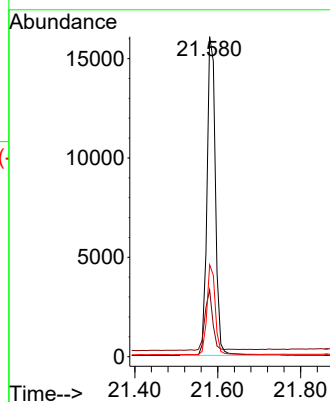
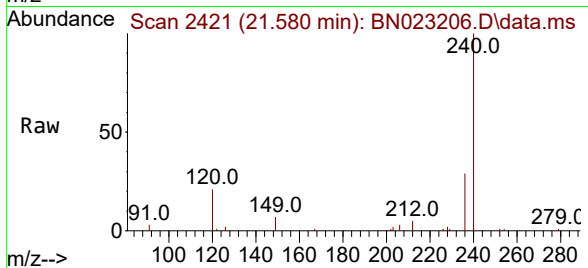
Tgt Ion:240 Resp: 22707

Ion Ratio Lower Upper

240 100

120 20.9 10.1 15.1#

236 28.7 22.2 33.4



#31

Terphenyl-d14

Concen: 0.350 ng

RT: 20.022 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN023206.D

Acq: 14 Dec 2022 18:41

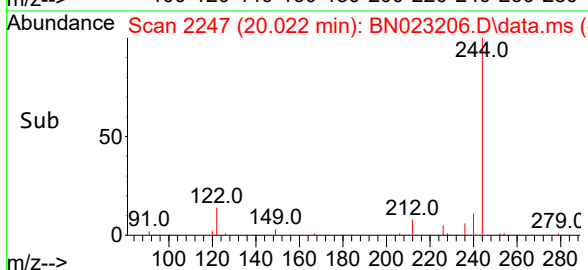
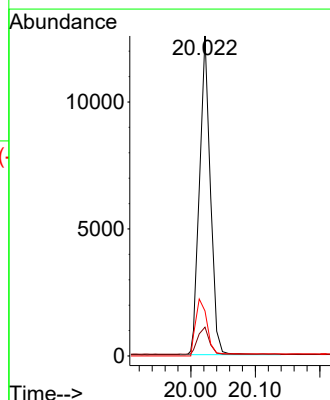
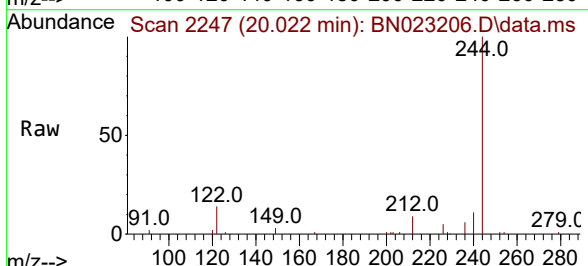
Tgt Ion:244 Resp: 12913

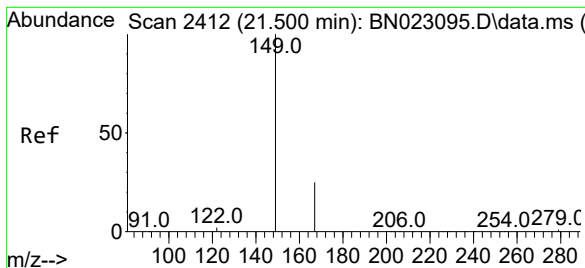
Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 14.1 12.6 18.8

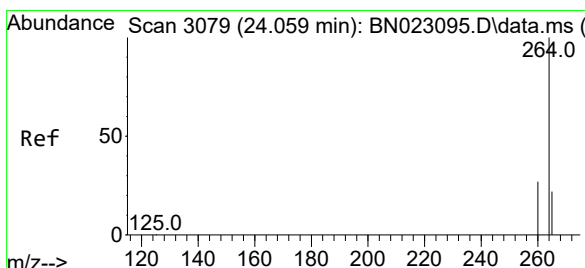
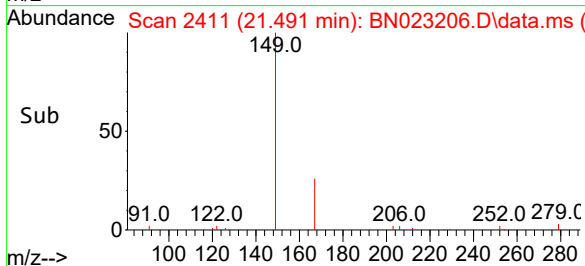
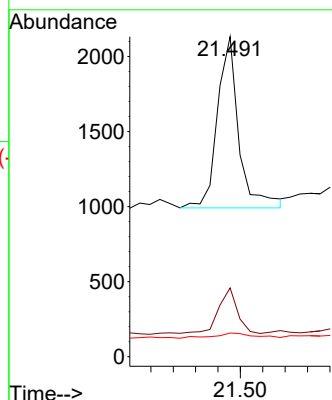
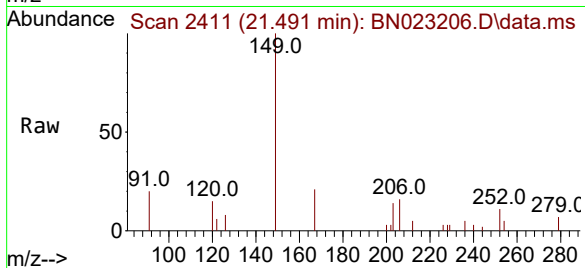




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.491 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN023206.D
 Acq: 14 Dec 2022 18:41

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-IN03-12092022

Tgt Ion:149 Resp: 1514
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.2
 279 5.6 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.039 min Scan# 3072
 Delta R.T. -0.012 min
 Lab File: BN023206.D
 Acq: 14 Dec 2022 18:41

Tgt Ion:264 Resp: 19160
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.7 32.5
 265 49.0 43.2 64.8

