

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025676.D
 Acq On : 28 May 2023 10:52
 Operator : CG/JU
 Sample : 02912-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20230523

Quant Time: May 29 01:15:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

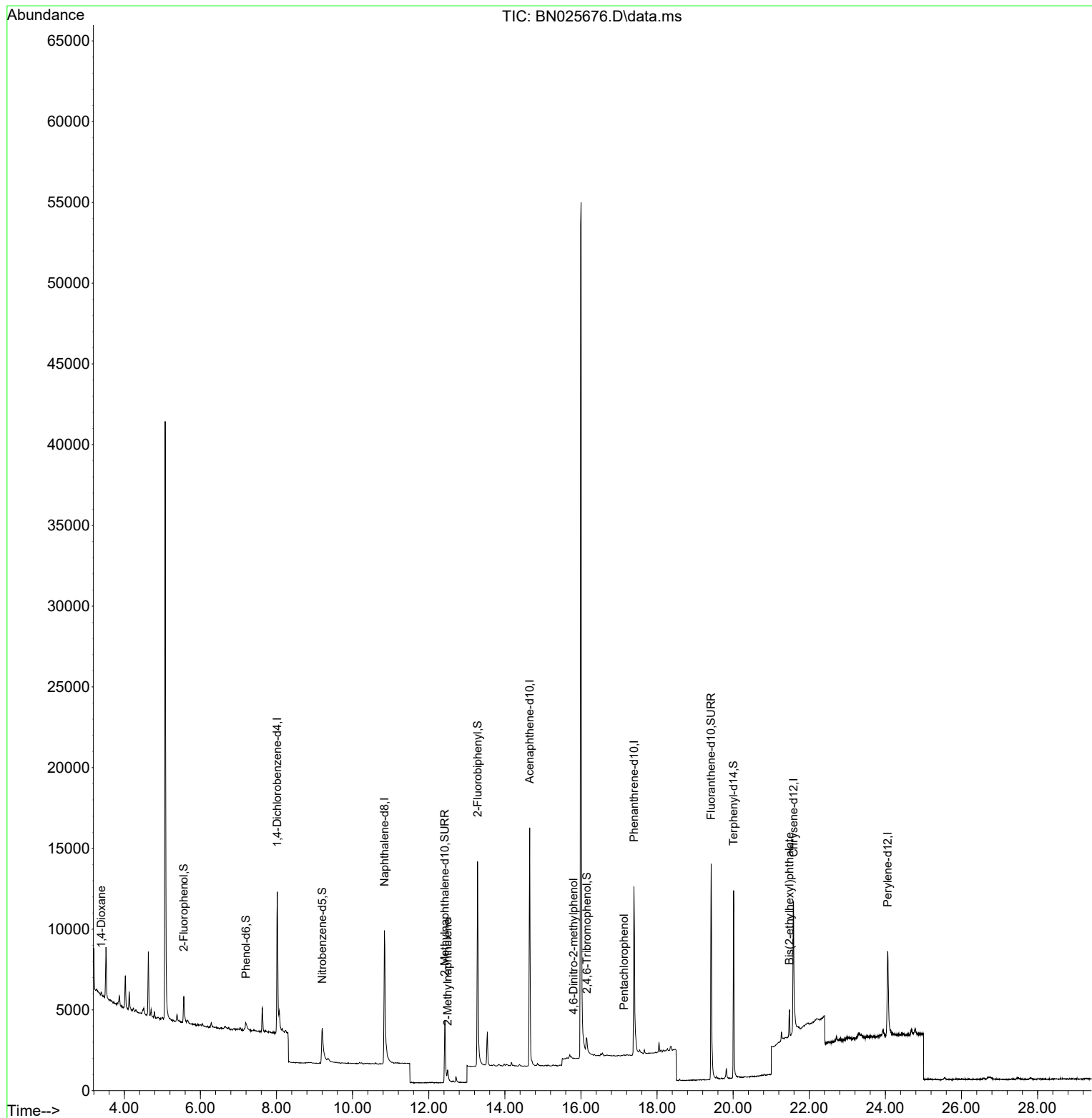
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5387	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14908	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8678	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17421	0.400	ng	0.00
29) Chrysene-d12	21.587	240	10179	0.400	ng	# 0.00
35) Perylene-d12	24.060	264	9236	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1827	0.132	ng	0.00
5) Phenol-d6	7.196	99	1005	0.061	ng	0.02
8) Nitrobenzene-d5	9.202	82	3711	0.297	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	7378	0.347	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	693	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13034	0.364	ng	0.00
27) Fluoranthene-d10	19.421	212	16451	0.417	ng	0.00
31) Terphenyl-d14	20.011	244	11988	0.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	174	0.028	ng	# 1
12) 2-Methylnaphthalene	12.498	142	629	0.022	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.804	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.133	266	23	0.387	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.480	149	1725	0.075	ng	100

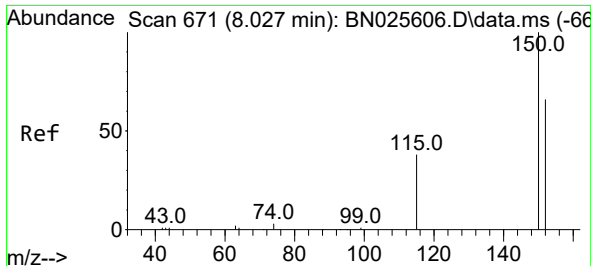
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025676.D
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Misc :
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Instrument :
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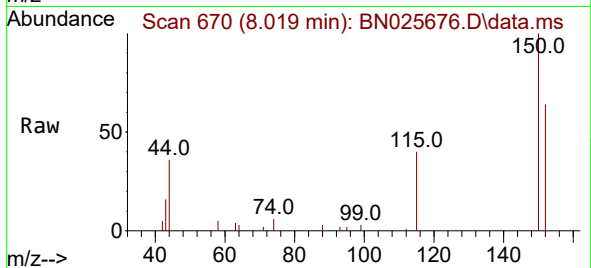
Quant Time: May 29 01:15:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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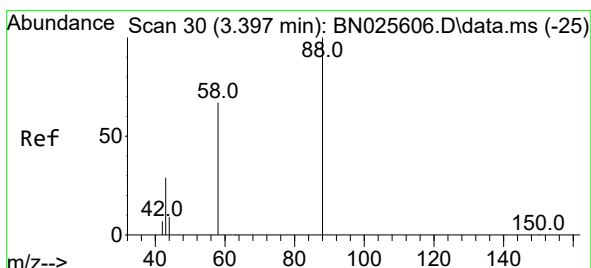
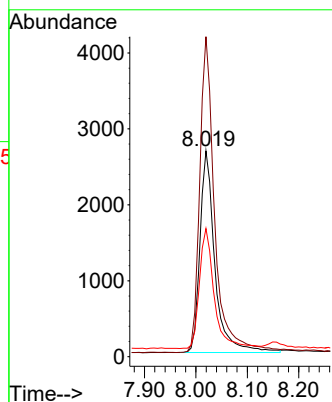
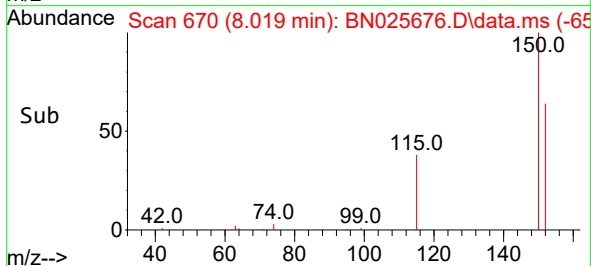


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025676.D
 Acq: 28 May 2023 10:52

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20230523

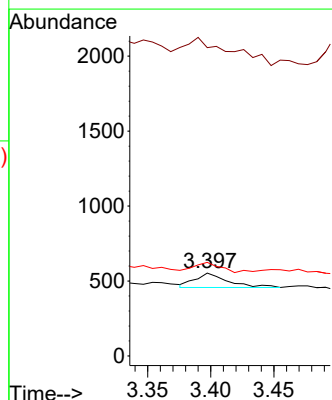
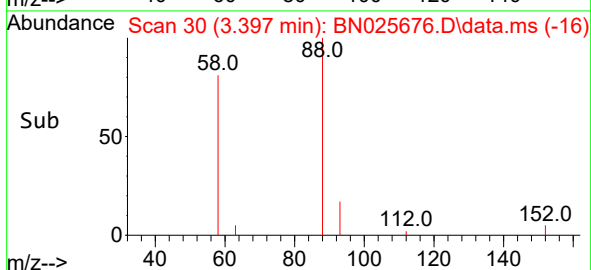
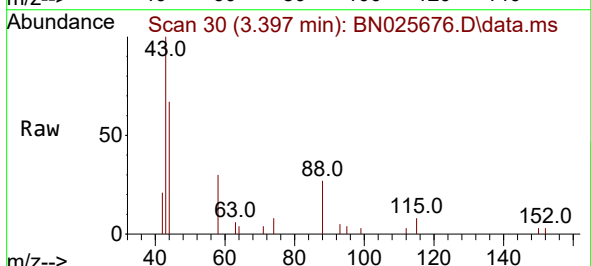


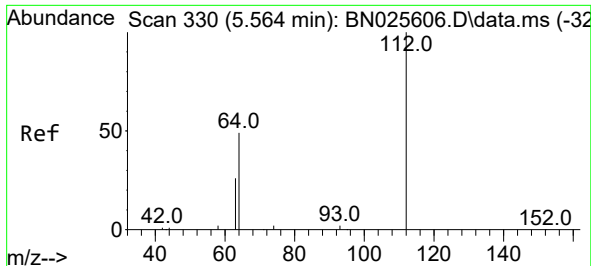
Tgt Ion:152 Resp: 5387
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.0 181.6
 115 62.3 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025676.D
 Acq: 28 May 2023 10:52

Tgt Ion: 88 Resp: 174
 Ion Ratio Lower Upper
 88 100
 43 277.6 26.5 39.7#
 58 44.8 56.8 85.2#

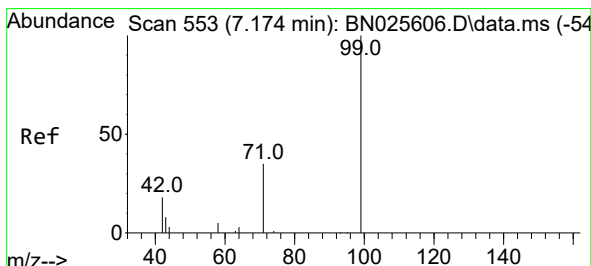
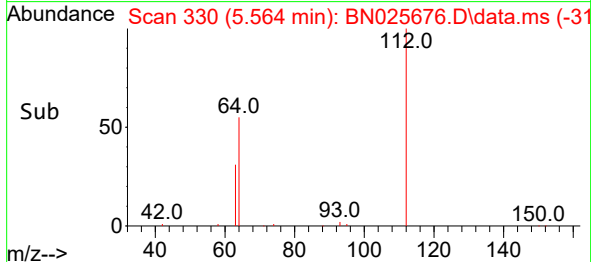
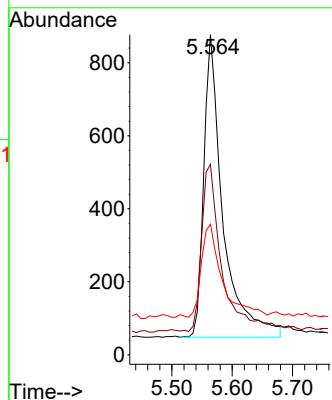
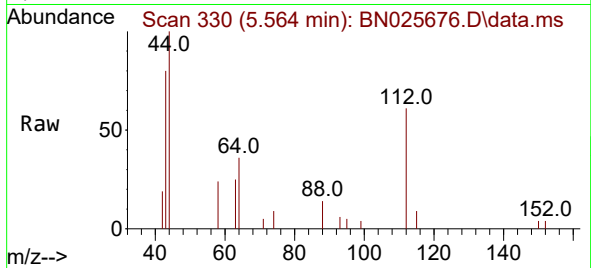




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

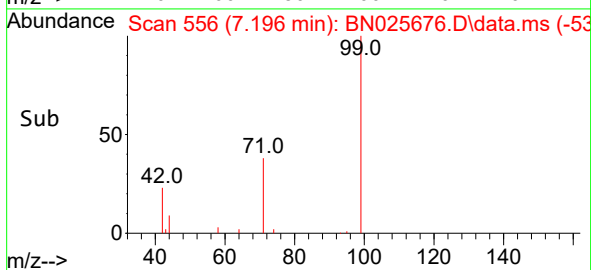
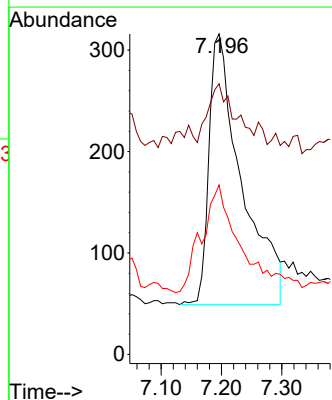
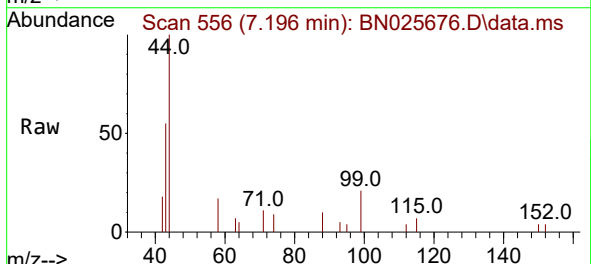
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20230523

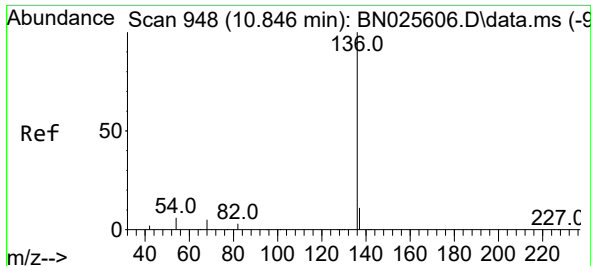
Tgt Ion:112 Resp: 1827
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 33.4 26.2 39.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Tgt Ion: 99 Resp: 1005
Ion Ratio Lower Upper
99 100
42 16.7 17.1 25.7#
71 45.7 29.3 43.9#

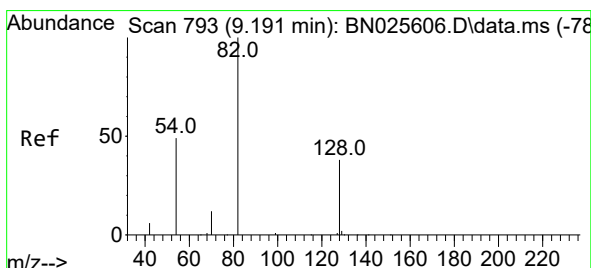
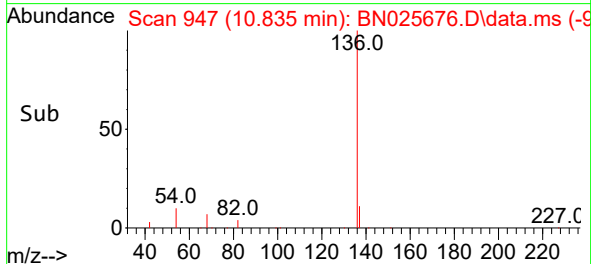
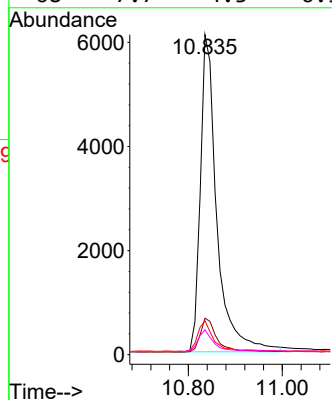
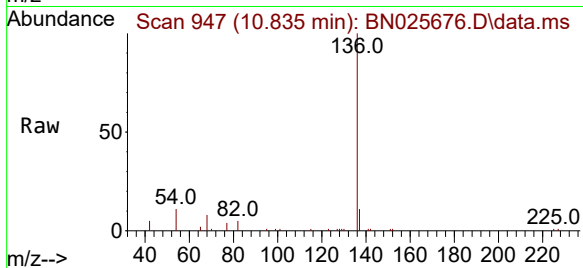




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

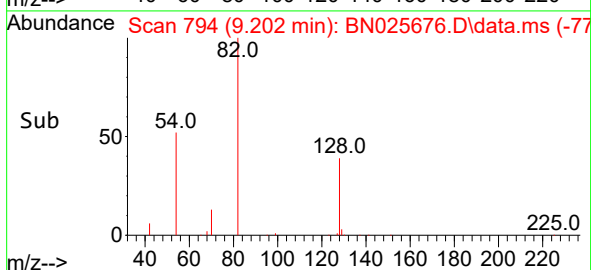
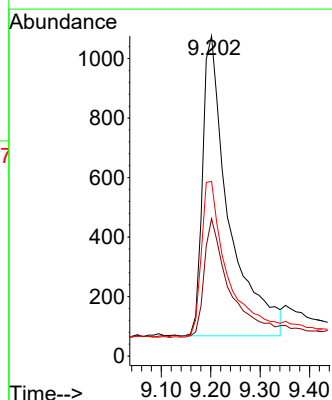
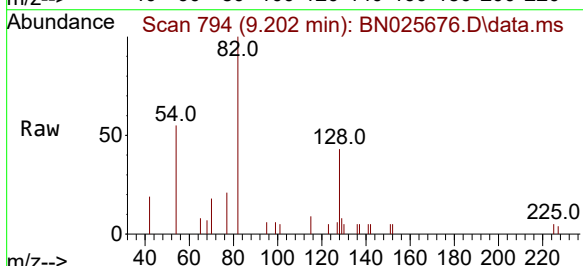
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20230523

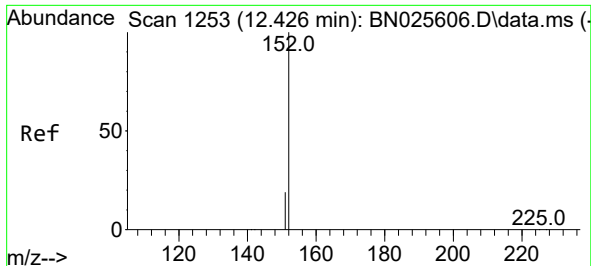
Tgt Ion:136	Resp:	14908
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	10.6	5.4 8.0#
68	7.7	4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Tgt Ion: 82	Resp:	3711
Ion Ratio	Lower	Upper
82	100	
128	42.9	32.5 48.7
54	54.6	40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.423 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BN025676.D

Acq: 28 May 2023 10:52

Instrument :

BNA_N

ClientSampleId :

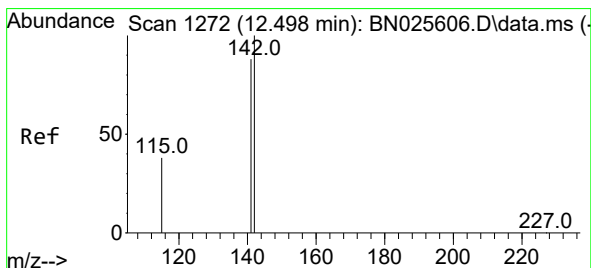
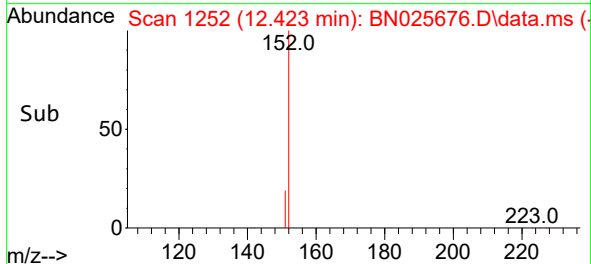
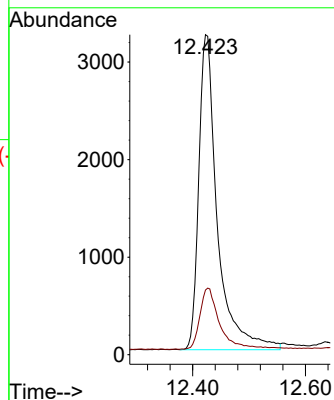
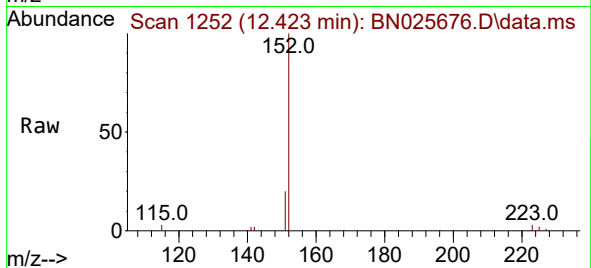
BPOW1-7-20230523

Tgt Ion:152 Resp: 7378

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1



#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.498 min Scan# 1272

Delta R.T. 0.004 min

Lab File: BN025676.D

Acq: 28 May 2023 10:52

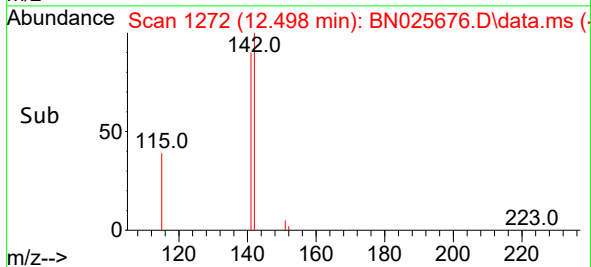
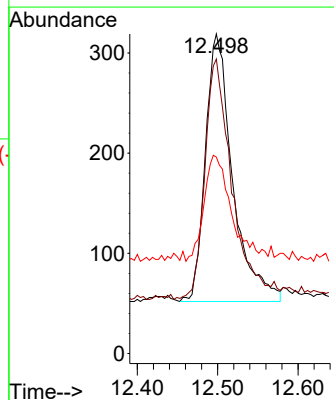
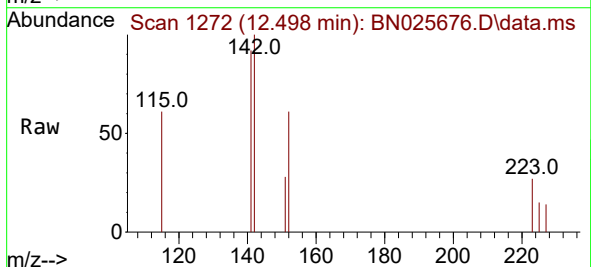
Tgt Ion:142 Resp: 629

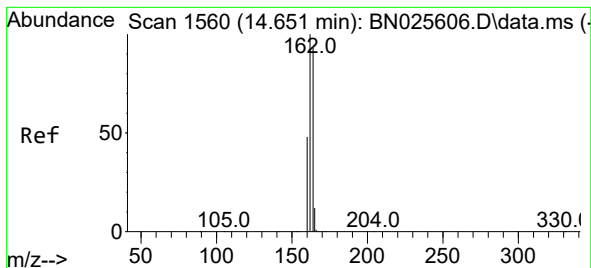
Ion Ratio Lower Upper

142 100

141 92.2 70.7 106.1

115 61.4 31.5 47.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025676.D

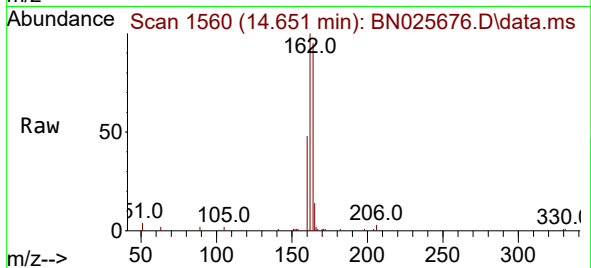
Acq: 28 May 2023 10:52

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20230523



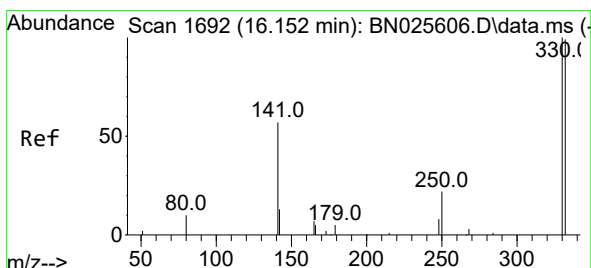
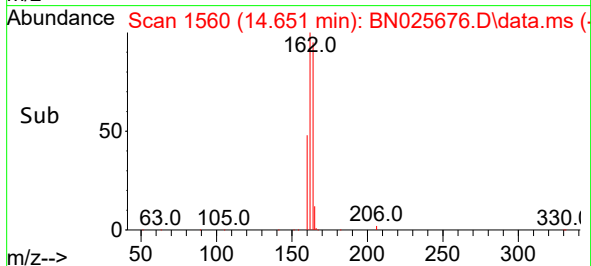
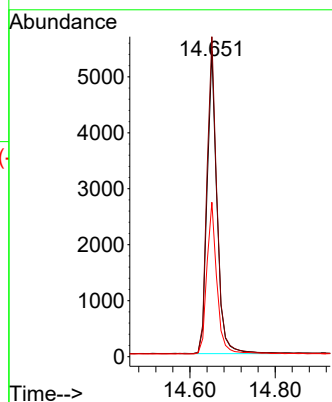
Tgt Ion:164 Resp: 8678

Ion Ratio Lower Upper

164 100

162 104.8 86.4 129.6

160 50.6 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.395 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025676.D

Acq: 28 May 2023 10:52

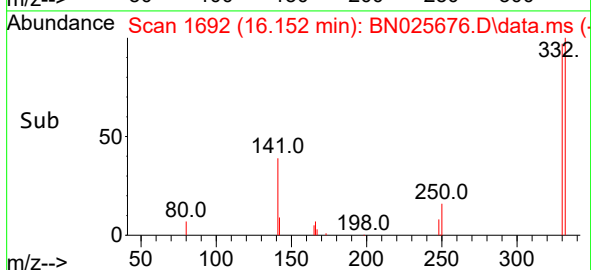
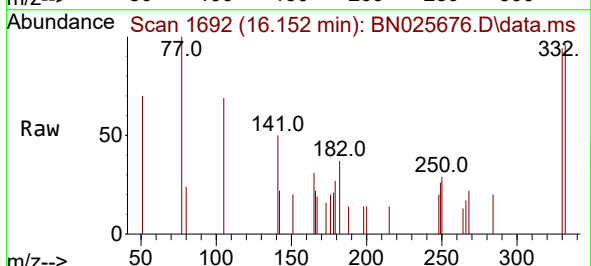
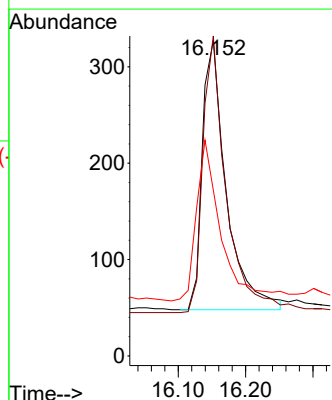
Tgt Ion:330 Resp: 693

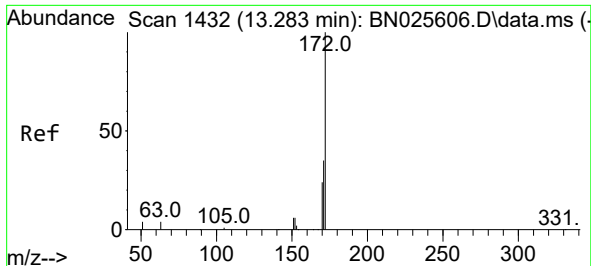
Ion Ratio Lower Upper

330 100

332 99.3 80.0 120.0

141 59.9 45.8 68.6

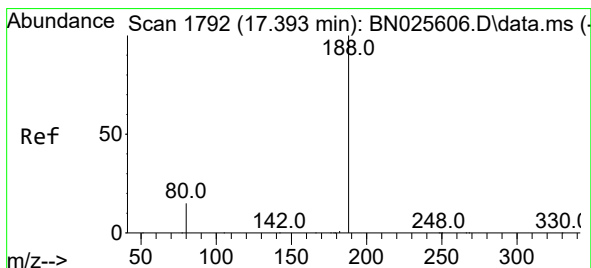
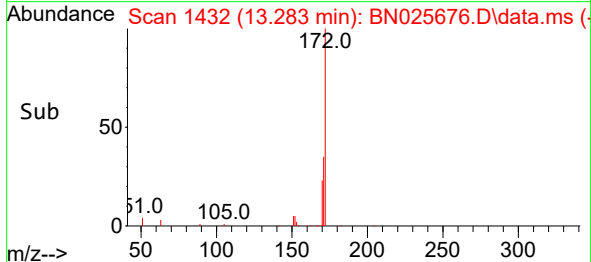
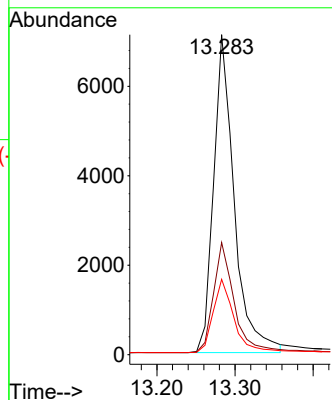
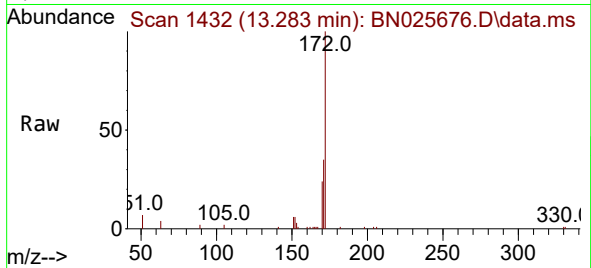




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

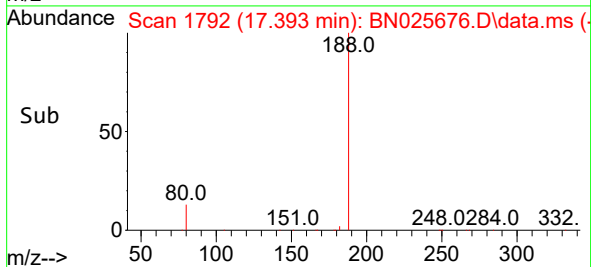
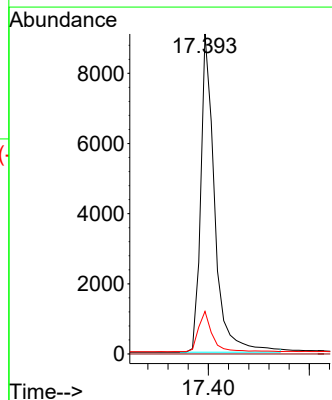
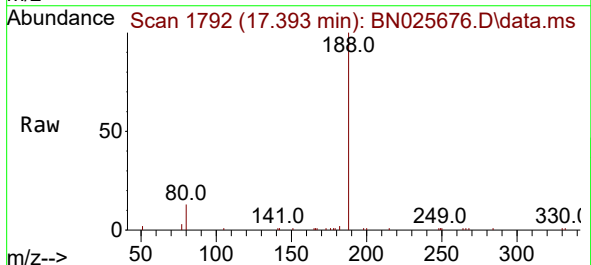
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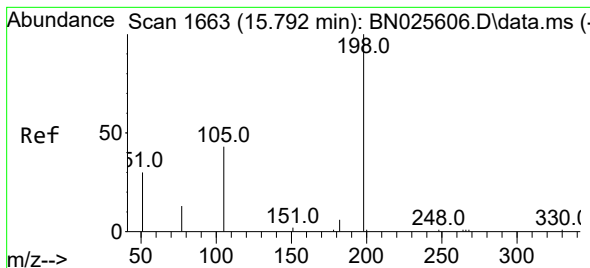
Tgt Ion:	172	Resp:	13034
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	23.6	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Tgt Ion:	188	Resp:	17421
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.3	12.2	18.2

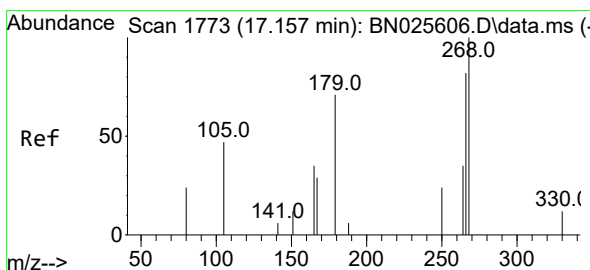
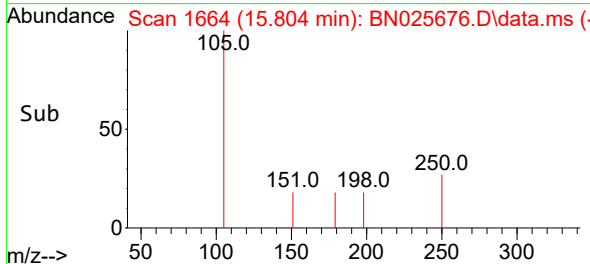
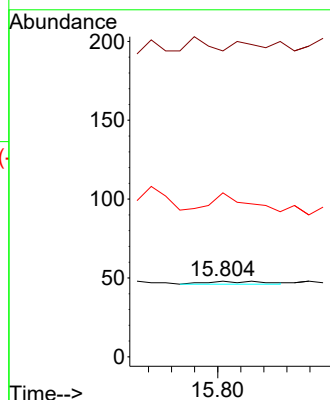
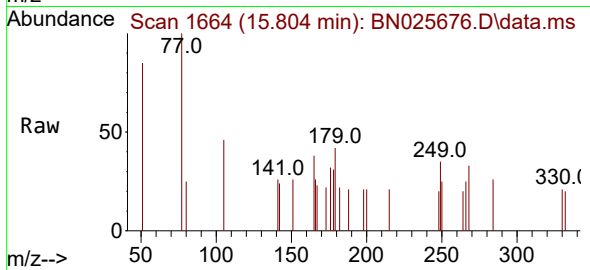




#20
4,6-Dinitro-2-methylphenol
Concen: 0.116 ng
RT: 15.804 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

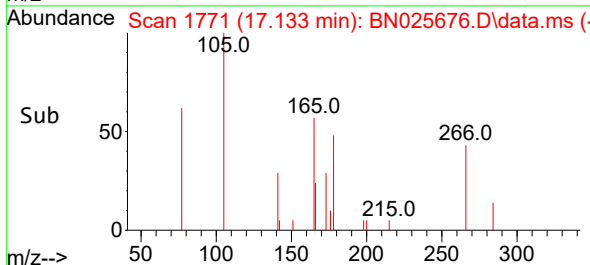
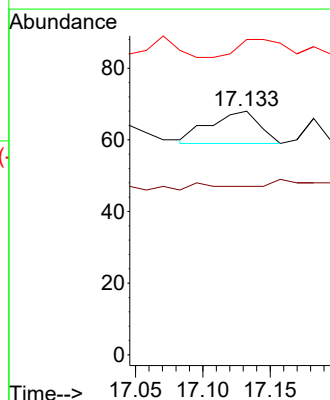
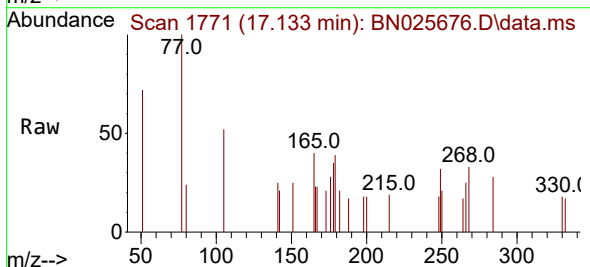
Instrument :
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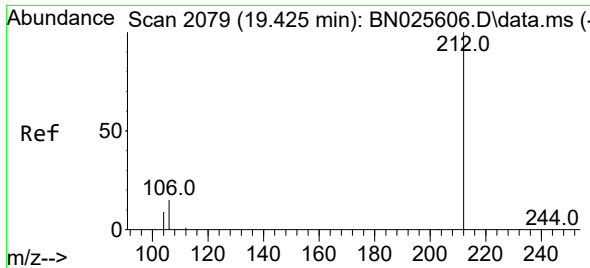
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 404.2 110.8 166.2#
105 216.7 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.387 ng
RT: 17.133 min Scan# 1771
Delta R.T. 0.062 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 60.9 0.0 0.0#

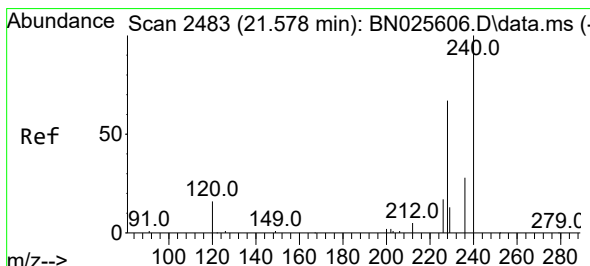
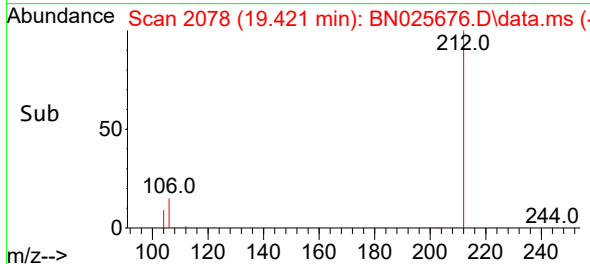
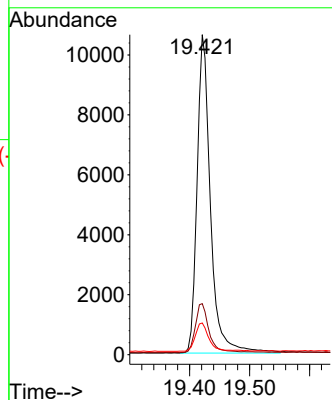
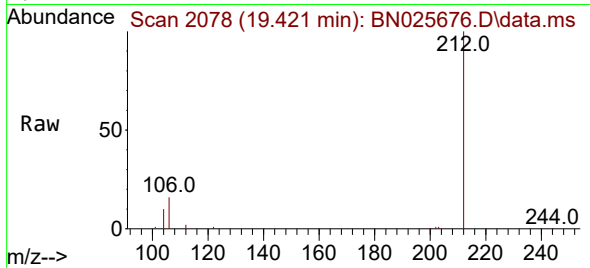




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

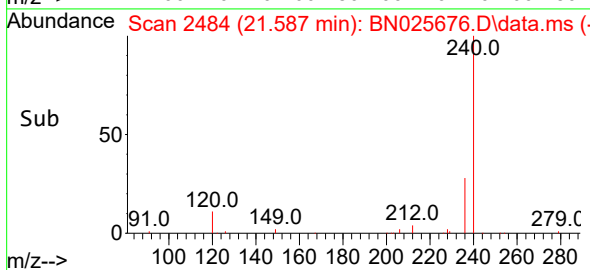
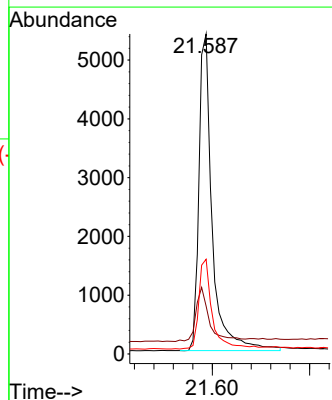
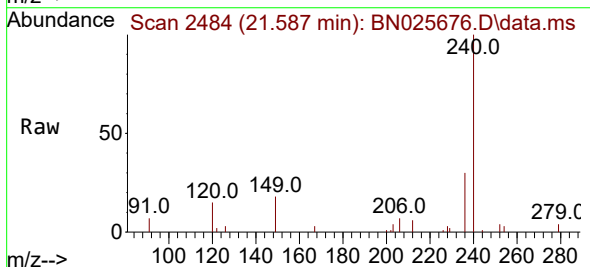
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20230523

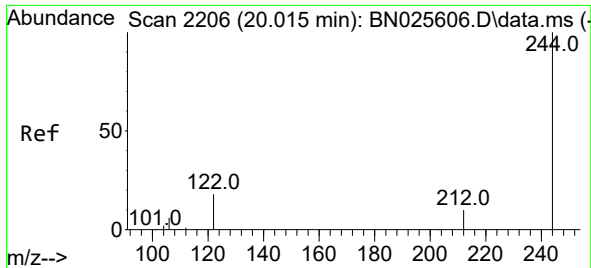
Tgt Ion:212 Resp: 16451
Ion Ratio Lower Upper
212 100
106 16.0 12.3 18.5
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Tgt Ion:240 Resp: 10179
Ion Ratio Lower Upper
240 100
120 14.9 15.4 23.0#
236 29.6 23.2 34.8

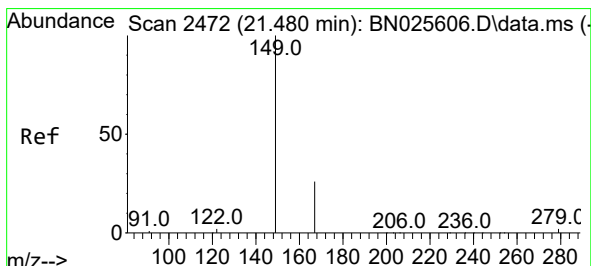
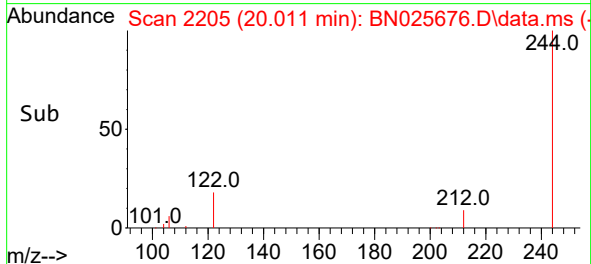
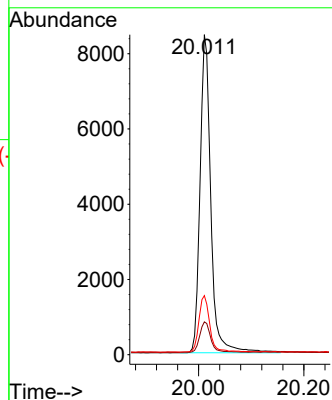
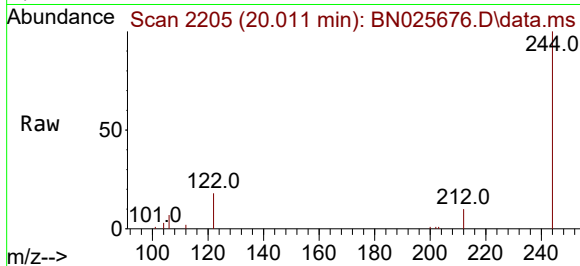




#31
 Terphenyl-d14
 Concen: 0.538 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025676.D
 Acq: 28 May 2023 10:52

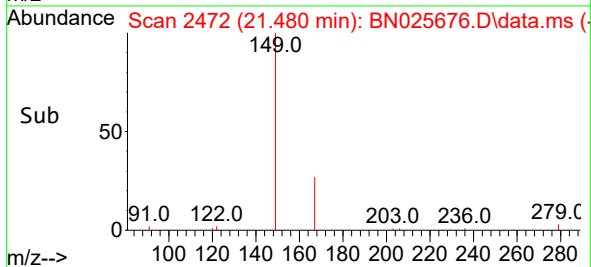
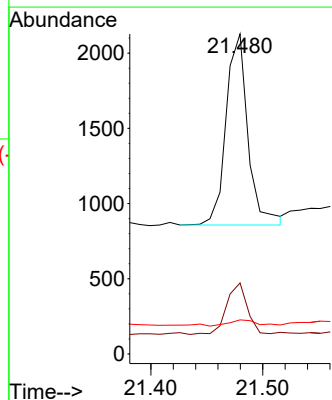
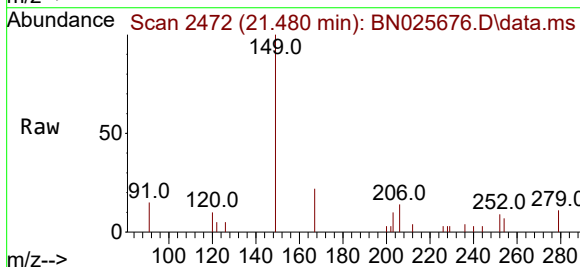
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20230523

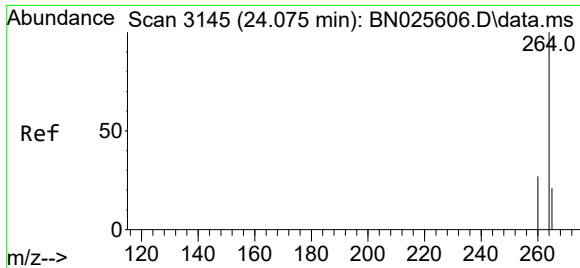
Tgt Ion:244 Resp: 11988
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.5 12.7
 122 18.4 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025676.D
 Acq: 28 May 2023 10:52

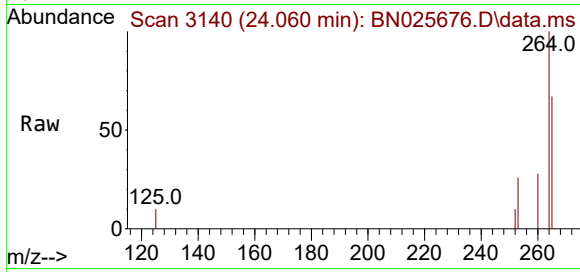
Tgt Ion:149 Resp: 1725
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.4 30.6
 279 4.4 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.060 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN025676.D
Acq: 28 May 2023 10:52

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20230523



Tgt Ion:264 Resp: 9236

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.3	33.5
265	66.5	54.3	81.5

