

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
 Data File : BN031376.D
 Acq On : 02 May 2024 18:01
 Operator : MA/JU
 Sample : P2276-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524

Quant Time: May 02 18:34:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 02 15:02:22 2024
 Response via : Initial Calibration

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

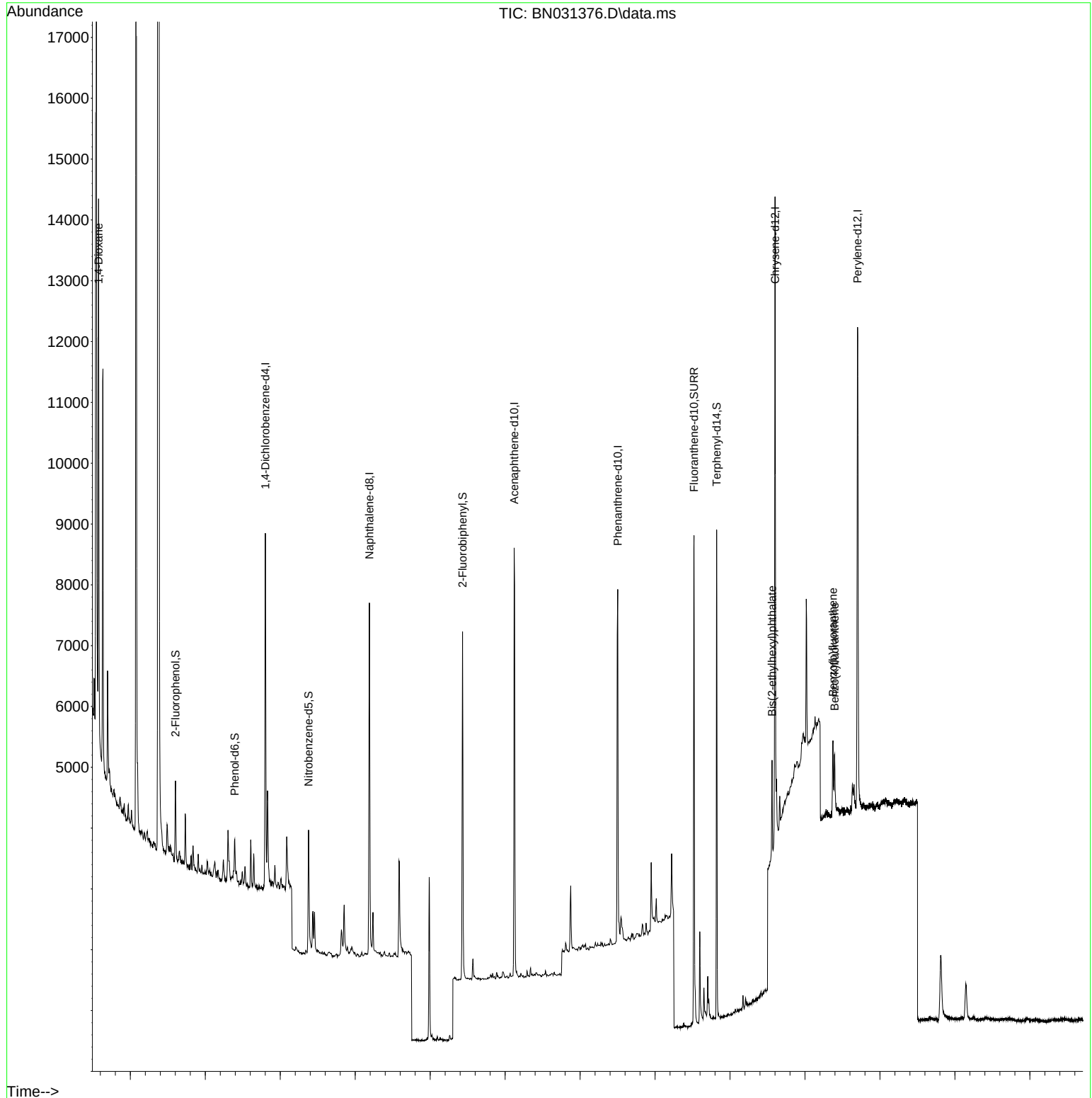
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2883	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	7976	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	4386	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	9133	0.400	ng	0.00
29) Chrysene-d12	21.202	240	9450	0.400	ng	0.00
35) Perylene-d12	23.402	264	10757	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	1061	0.165	ng	0.00
5) Phenol-d6	6.787	99	645	0.083	ng	0.00
8) Nitrobenzene-d5	8.755	82	1823	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	3791	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	661	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5040	0.342	ng	0.00
27) Fluoranthene-d10	19.040	212	9461	0.385	ng	0.00
31) Terphenyl-d14	19.644	244	7971	0.363	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.154	88	5578	1.574	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.121	149	1637	0.109	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.615	276	1434	0.029	ng	# 93
37) Benzo(b)fluoranthene	22.747	252	1503	0.034	ng	# 11
38) Benzo(k)fluoranthene	22.788	252	1212	0.028	ng	# 3
40) Dibenzo(a,h)anthracene	25.630	278	1116	0.028	ng	# 2
41) Benzo(g,h,i)perylene	26.291	276	1275	0.029	ng	# 54

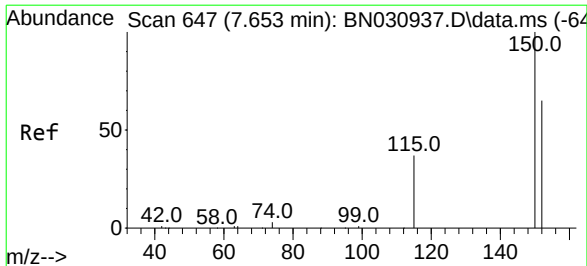
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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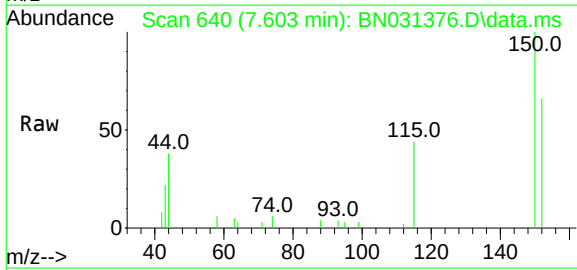
Quant Time: May 02 18:34:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
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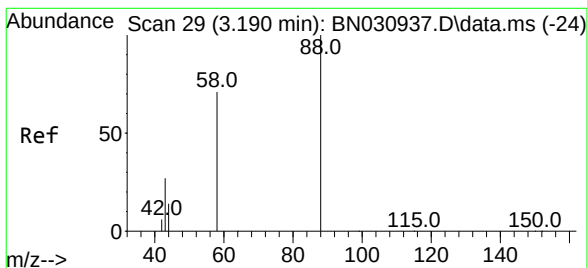
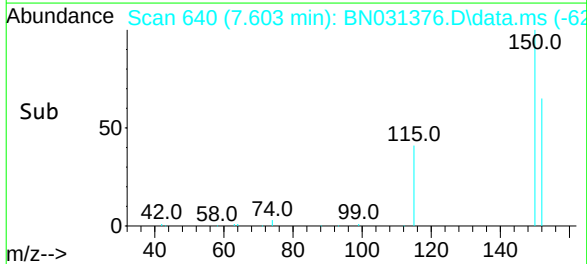
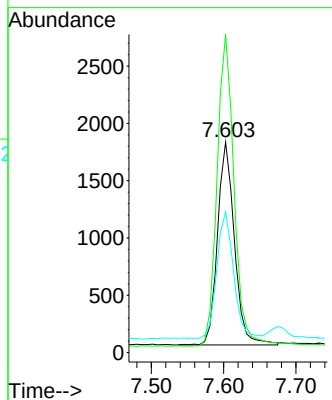


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.603 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524

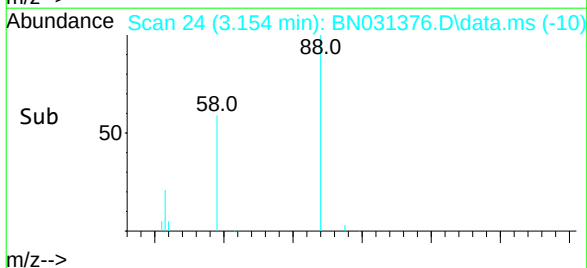
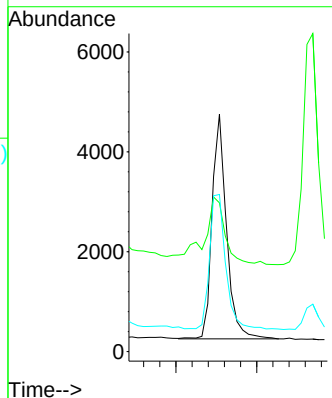
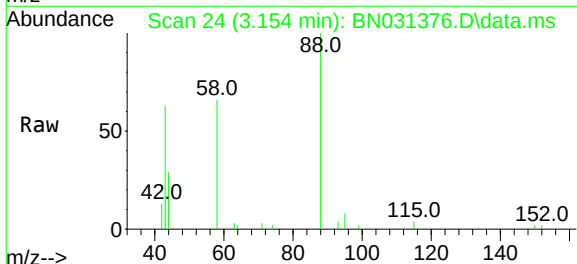


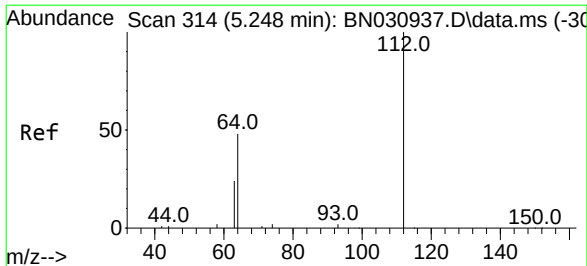
Tgt Ion: 152 Resp: 2883
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.7 182.5
 115 66.8 47.8 71.8



#2
 1,4-Dioxane
 Concen: 1.574 ng
 RT: 3.154 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Tgt Ion: 88 Resp: 5578
 Ion Ratio Lower Upper
 88 100
 43 46.0 23.7 35.5#
 58 66.6 55.7 83.5

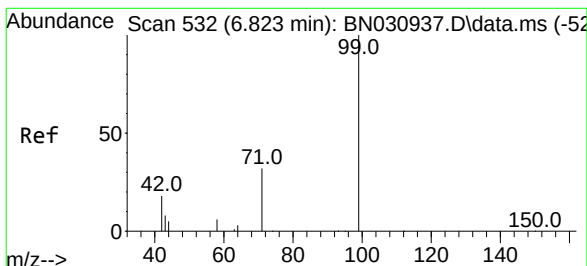
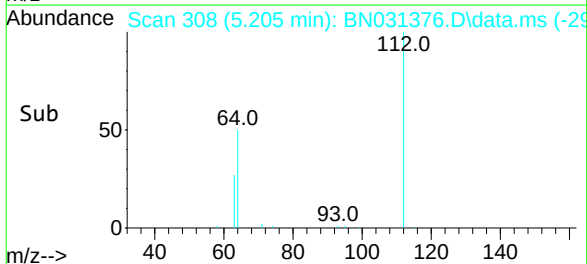
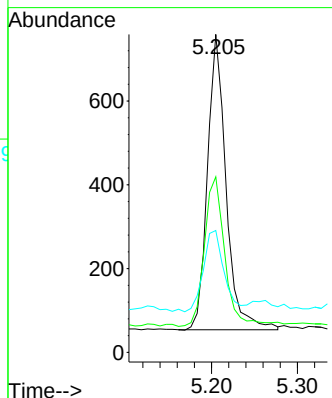
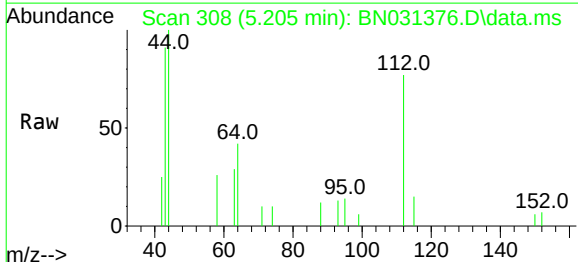




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.205 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

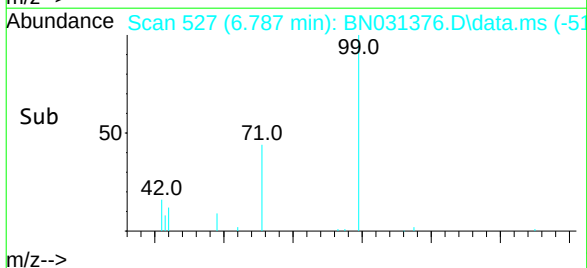
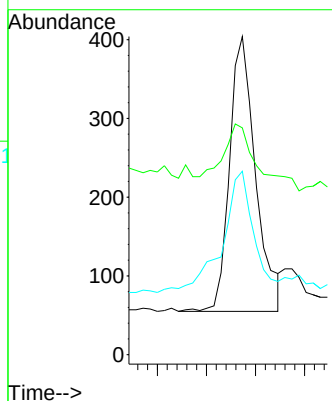
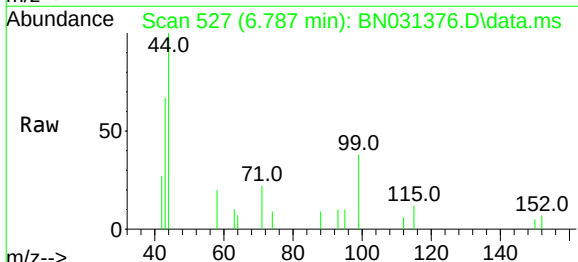
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

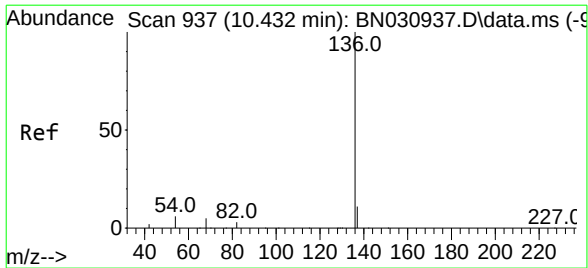
Tgt Ion:	112	Resp:	1061
Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.4	65.2
63	30.0	22.2	33.2



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.787 min Scan# 527
Delta R.T. 0.007 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:	99	Resp:	645
Ion	Ratio	Lower	Upper
99	100		
42	33.2	16.4	24.6#
71	53.0	26.3	39.5#

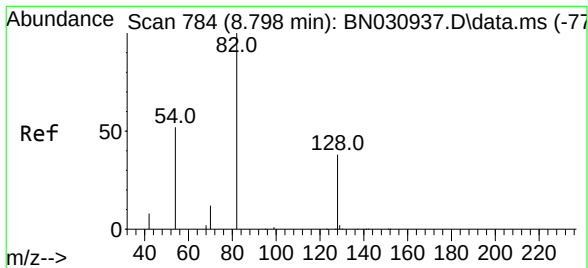
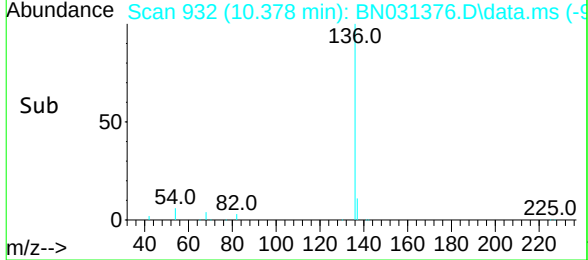
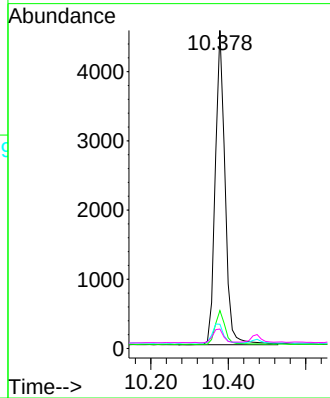
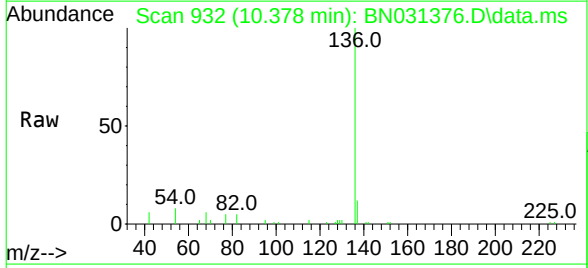




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

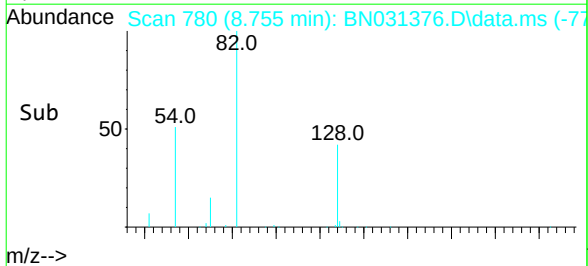
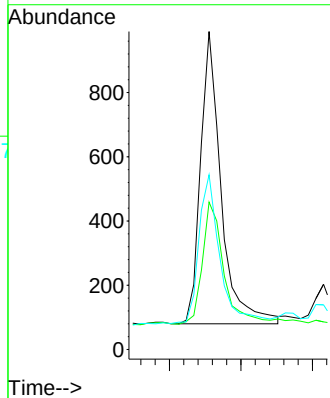
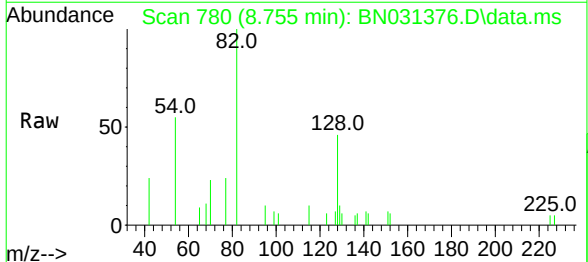
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

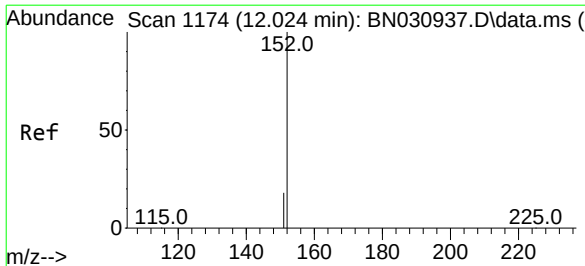
Tgt Ion:	136	Resp:	7976
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	7.6	5.3	7.9
68	6.1	4.7	7.1



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.755 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:	82	Resp:	1823
Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.7	50.5
54	54.9	43.7	65.5

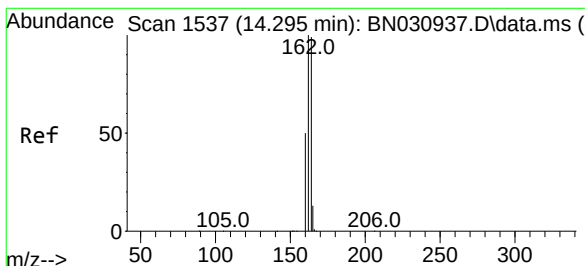
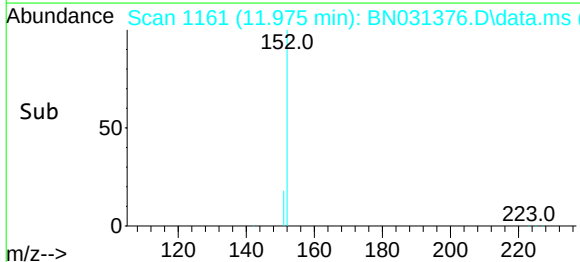
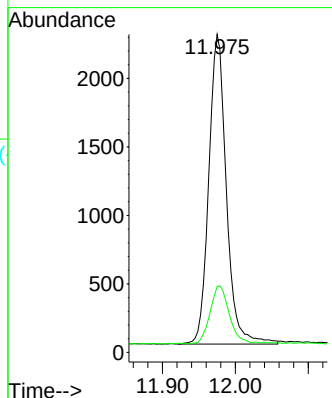
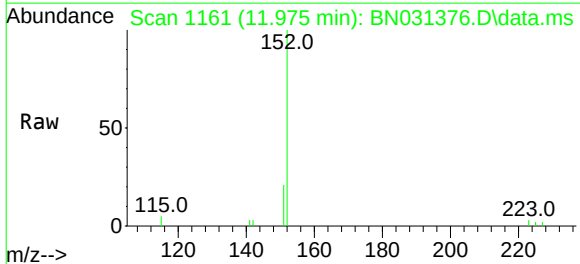




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.975 min Scan# 111
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

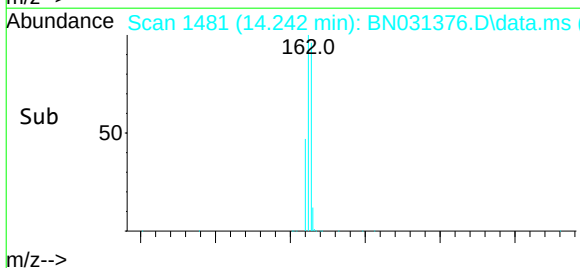
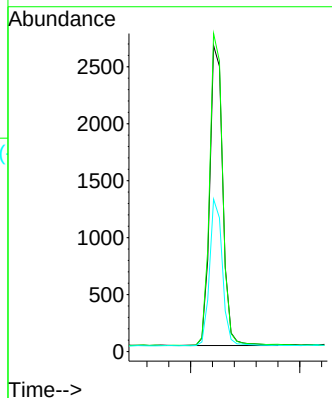
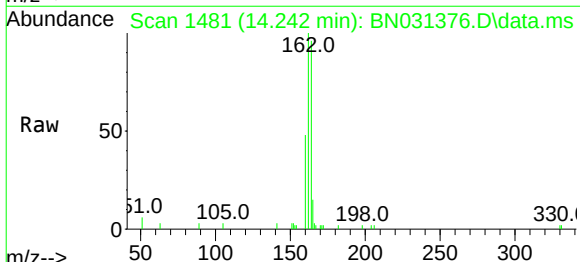
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

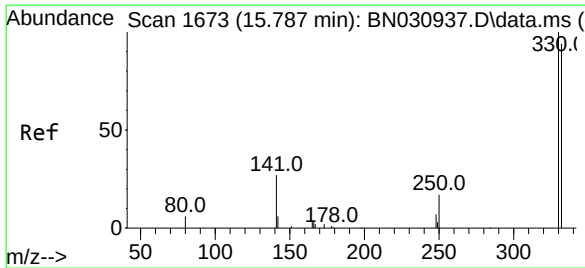
Tgt Ion:152 Resp: 3791
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:164 Resp: 4386
Ion Ratio Lower Upper
164 100
162 103.9 80.6 121.0
160 49.8 40.7 61.1

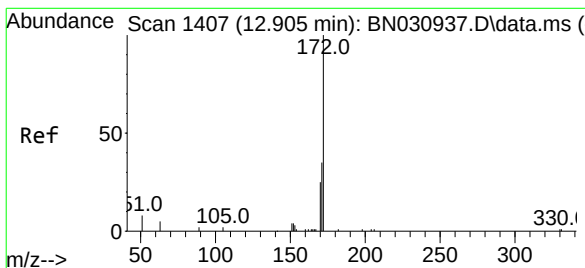
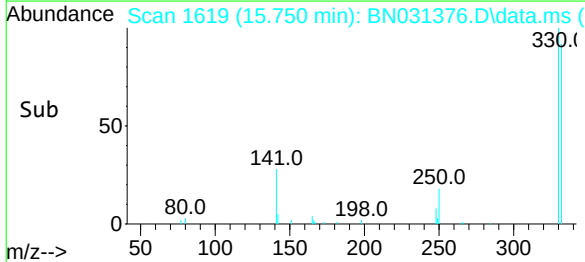
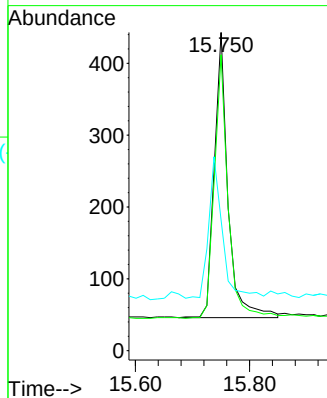
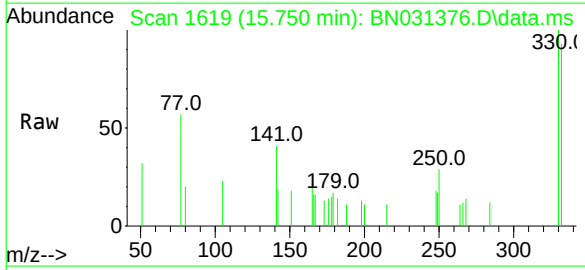




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.750 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

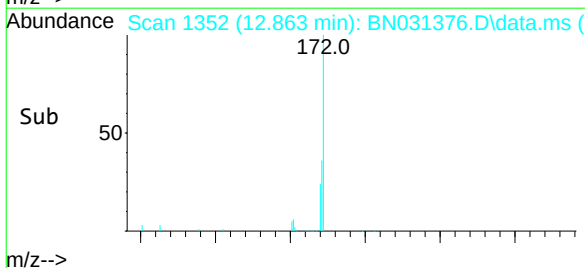
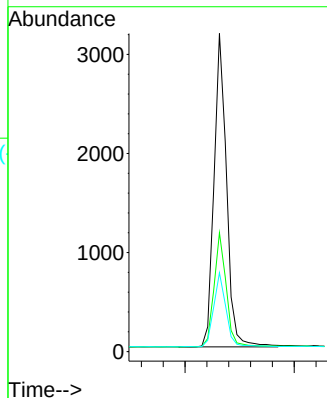
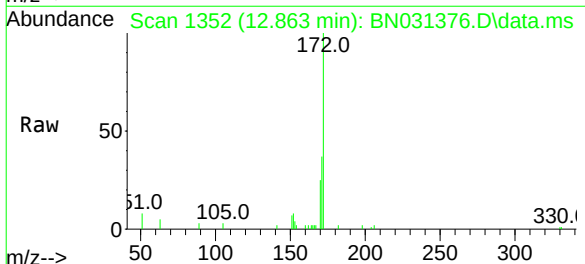
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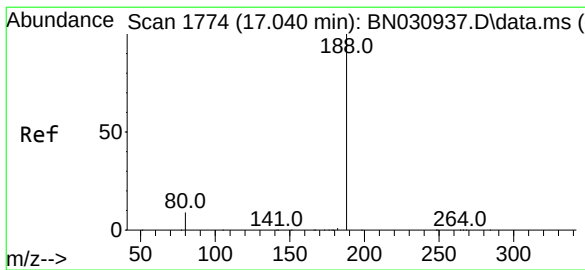
Tgt Ion:	330	Resp:	661
Ion	Ratio	Lower	Upper
330	100		
332	92.9	74.2	111.2
141	49.6	37.2	55.8



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.863 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:	172	Resp:	5040
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.3	42.5
170	24.8	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524

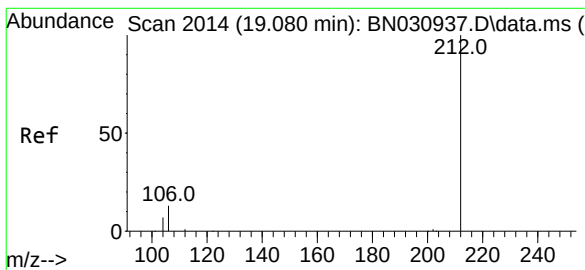
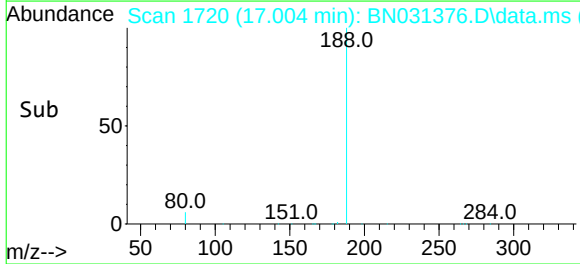
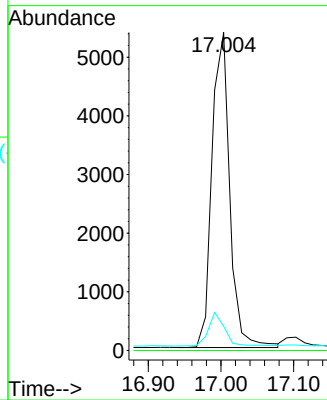
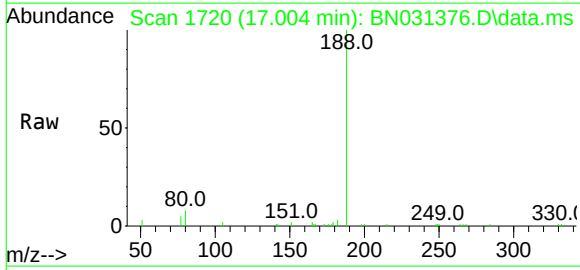
Tgt Ion:188 Resp: 9133

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.040 min Scan# 1956

Delta R.T. 0.005 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

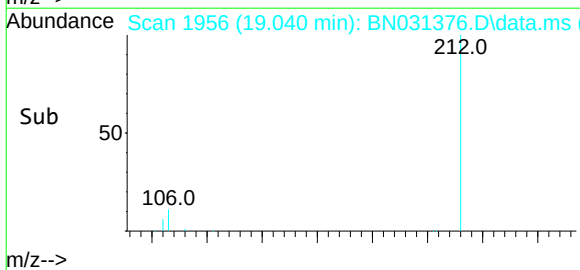
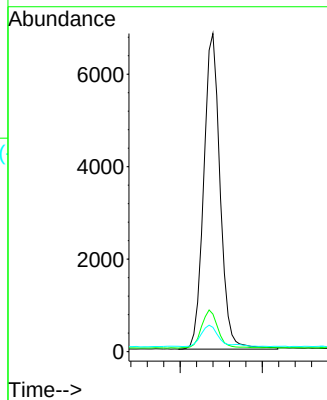
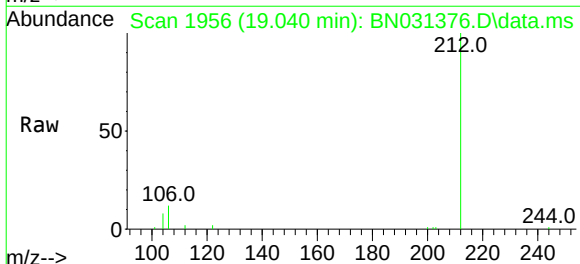
Tgt Ion:212 Resp: 9461

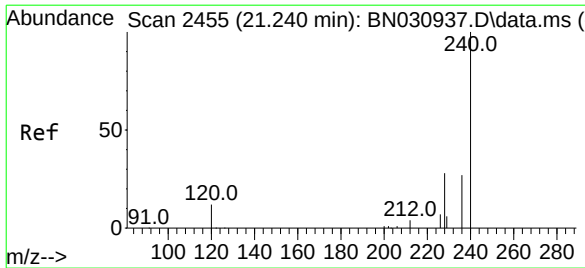
Ion Ratio Lower Upper

212 100

106 12.2 12.0 18.0

104 7.5 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.202 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN031376.D

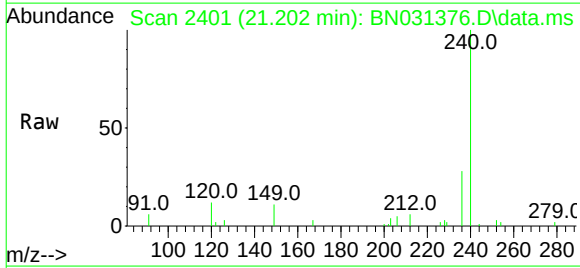
Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524



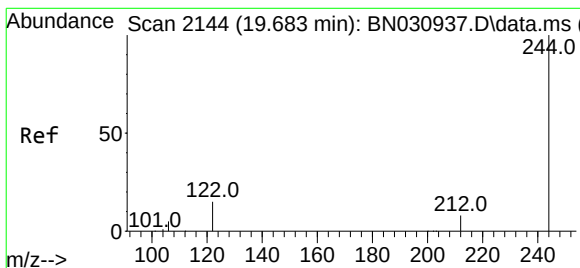
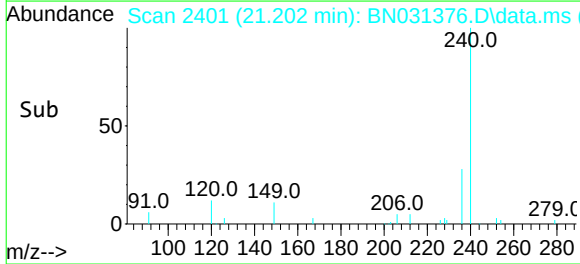
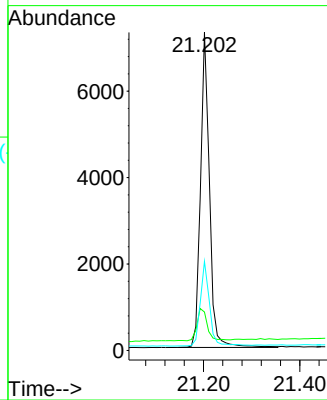
Tgt Ion:240 Resp: 9450

Ion Ratio Lower Upper

240 100

120 12.1 11.0 16.4

236 28.0 22.3 33.5



#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.644 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

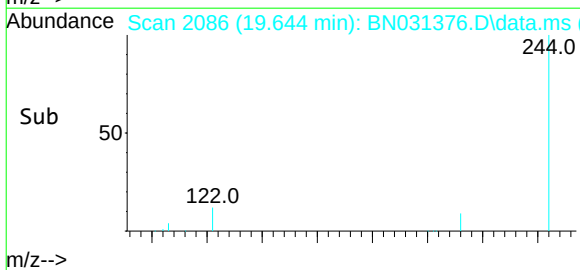
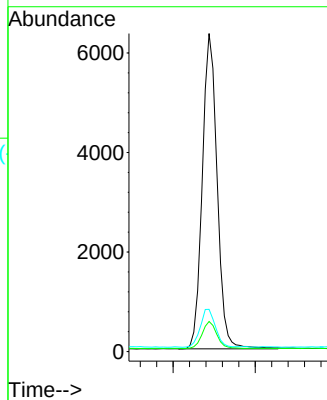
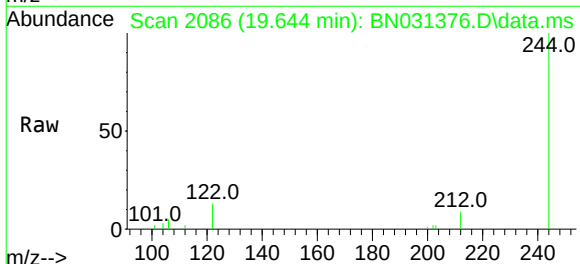
Tgt Ion:244 Resp: 7971

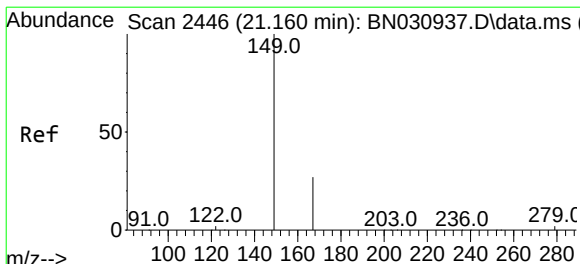
Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

122 13.3 12.7 19.1

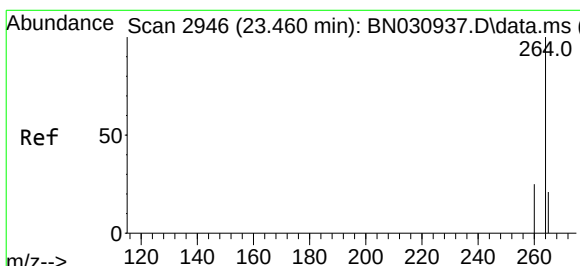
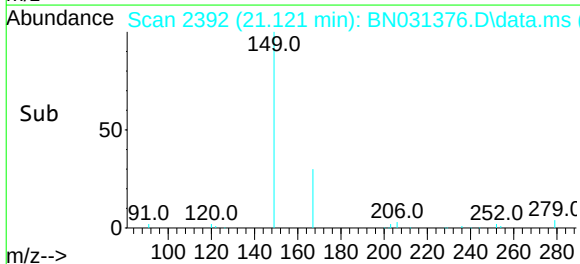
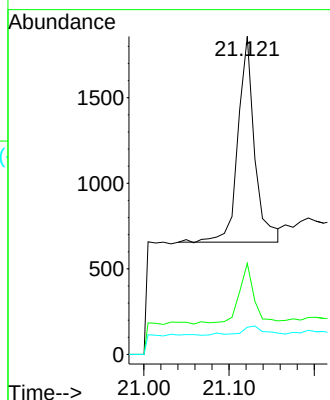
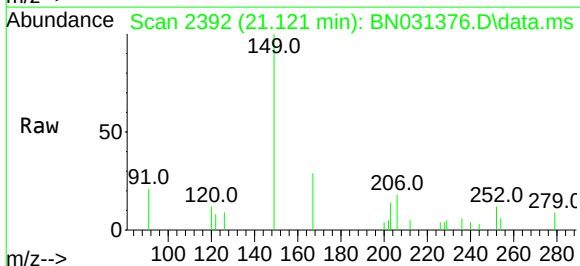




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.121 min Scan# 231
 Delta R.T. 0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

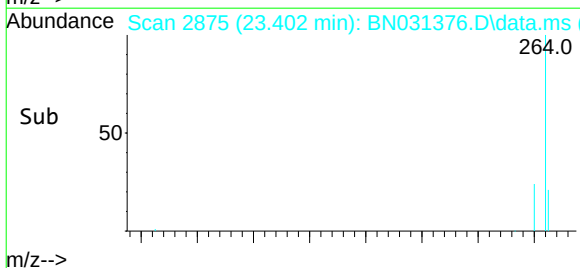
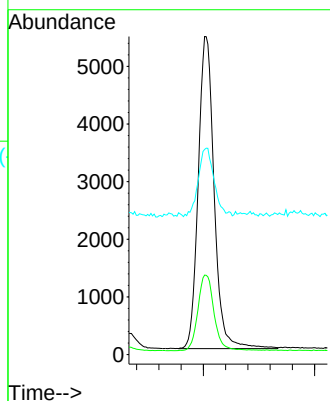
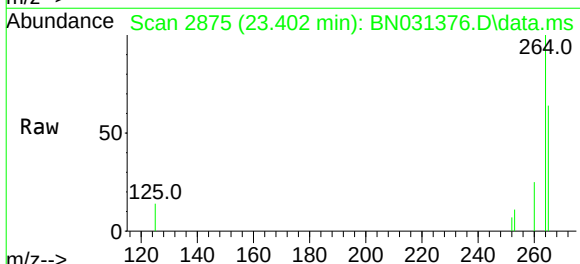
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524

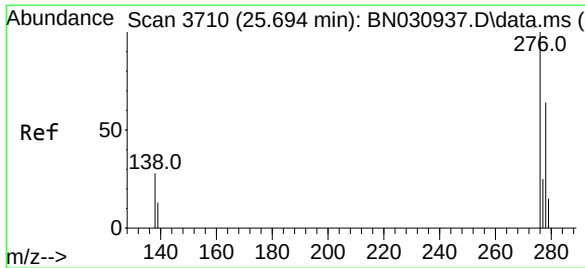
Tgt Ion:	149	Resp:	1637
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.0	31.4
279	4.9	2.9	4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.402 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Tgt Ion:	264	Resp:	10757
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.6	31.0
265	64.5	53.3	79.9





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng

RT: 25.615 min Scan# 36

Delta R.T. -0.003 min

Lab File: BN031376.D

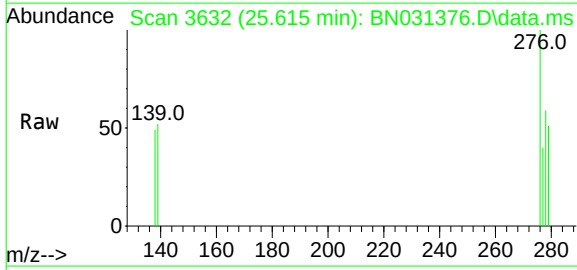
Acq: 02 May 2024 18:01

Instrument :

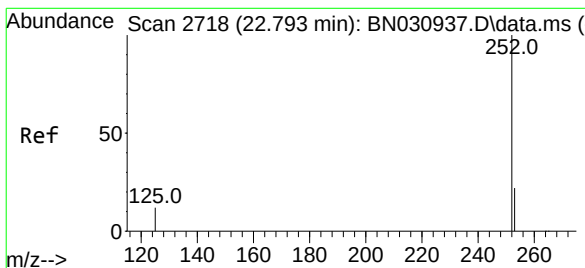
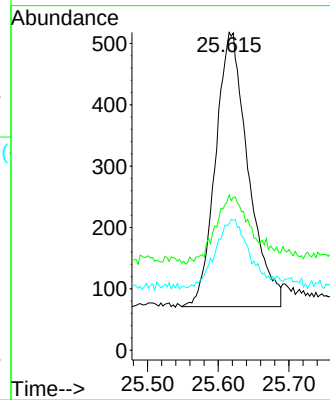
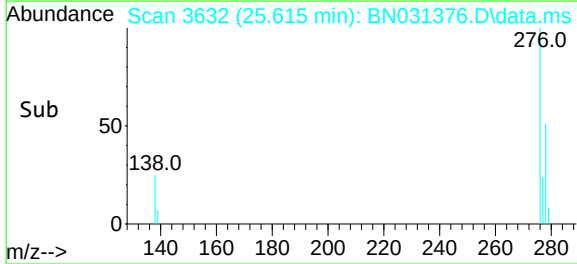
BNA_N

ClientSampleId :

RMW-02B-32-042524



Tgt Ion:	276	Resp:	1434
Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.1	34.7#
277	25.7	19.9	29.9



#37

Benzo(b)fluoranthene

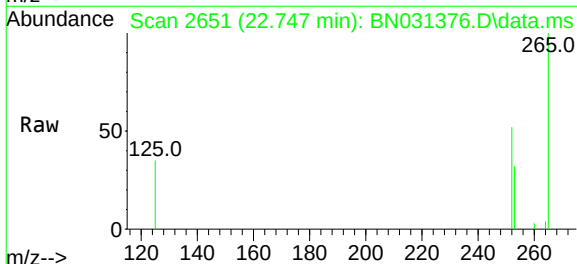
Concen: 0.034 ng

RT: 22.747 min Scan# 2651

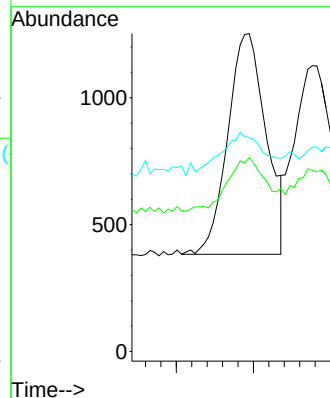
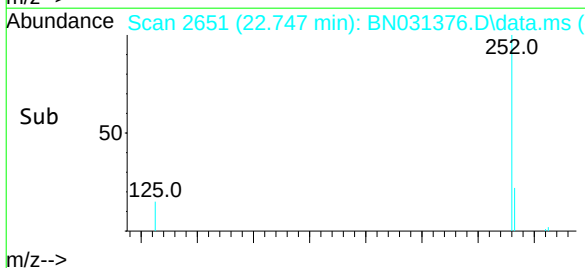
Delta R.T. 0.000 min

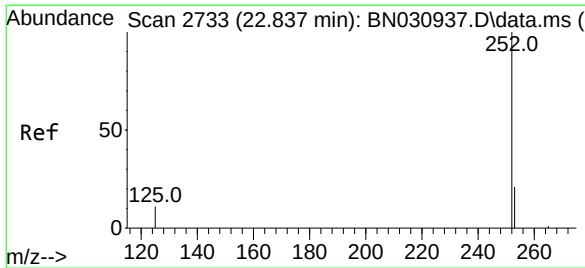
Lab File: BN031376.D

Acq: 02 May 2024 18:01



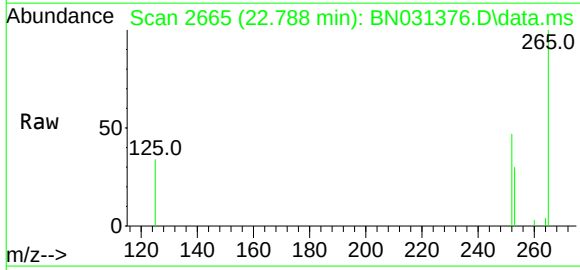
Tgt Ion:	252	Resp:	1503
Ion	Ratio	Lower	Upper
252	100		
253	60.9	20.2	30.2#
125	67.2	13.4	20.2#



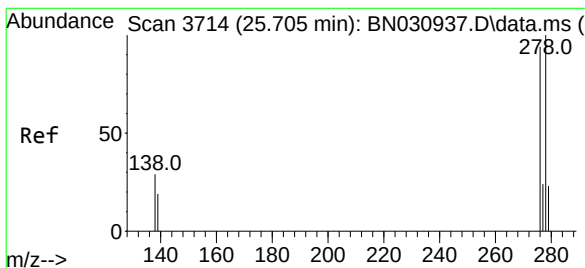
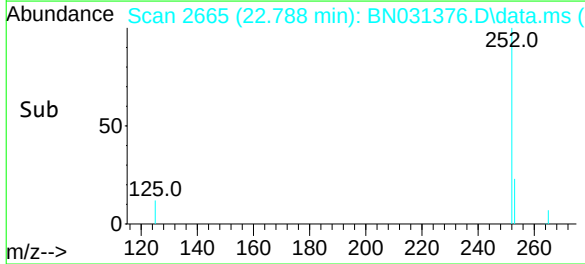
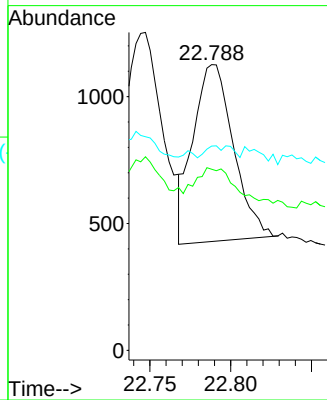


#38
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 22.788 min Scan# 26
Delta R.T. -0.003 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

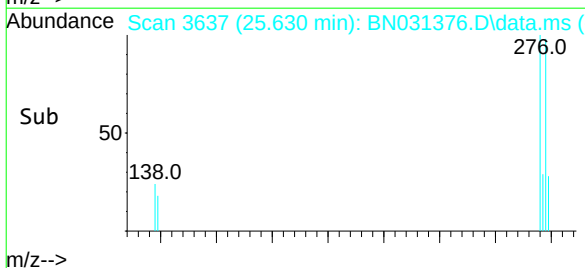
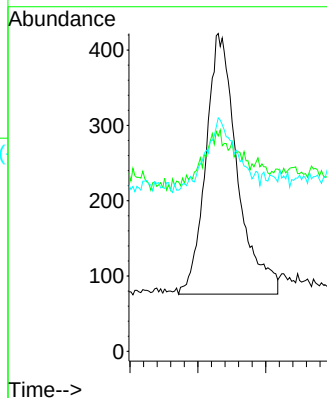
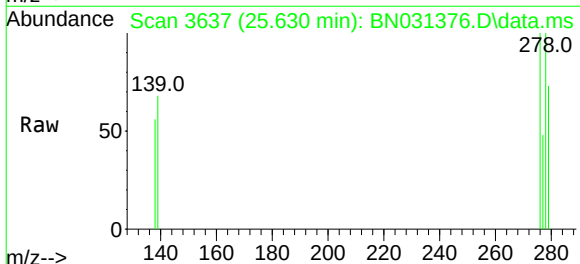


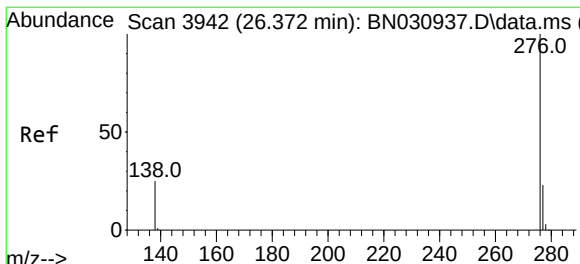
Tgt Ion:252 Resp: 1212
Ion Ratio Lower Upper
252 100
253 63.4 19.9 29.9#
125 71.5 13.2 19.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 25.630 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

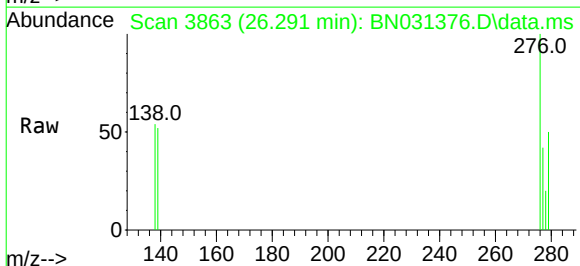
Tgt Ion:278 Resp: 1116
Ion Ratio Lower Upper
278 100
139 67.8 16.3 24.5#
279 73.5 20.6 31.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.029 ng
 RT: 26.291 min Scan# 38
 Delta R.T. -0.003 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524



Tgt Ion: 276 Resp: 1275

Ion	Ratio	Lower	Upper
276	100		
277	42.4	19.4	29.2#
138	54.1	21.0	31.4#

