

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
 Data File : BN022489.D
 Acq On : 03 Nov 2022 22:23
 Operator : CG/JU
 Sample : N5420-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-PT-IN01-11012022

Quant Time: Nov 04 04:08:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

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

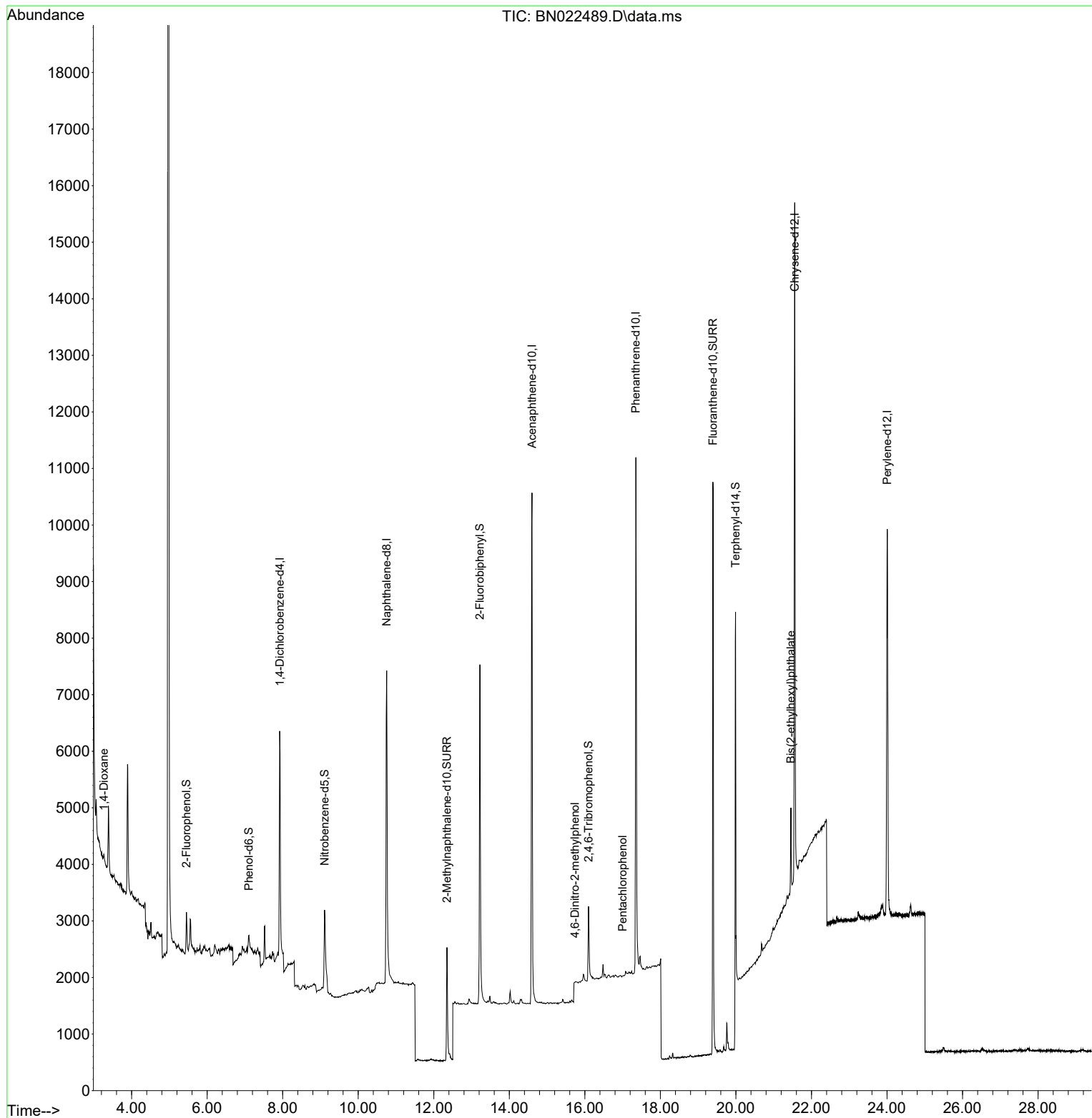
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	2353	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	9107	0.400	ng	0.00
13) Acenaphthene-d10	14.600	164	5998	0.400	ng	0.00
19) Phenanthrene-d10	17.350	188	13071	0.400	ng	0.00
29) Chrysene-d12	21.555	240	11137	0.400	ng	0.00
35) Perylene-d12	24.005	264	10049	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.451	112	731	0.110	ng	0.00
5) Phenol-d6	7.104	99	577	0.069	ng	0.01
8) Nitrobenzene-d5	9.108	82	1937	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.349	152	3468	0.227	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	884	0.281	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	6036	0.242	ng	0.00
27) Fluoranthene-d10	19.395	212	11544	0.323	ng	0.00
31) Terphenyl-d14	19.989	244	11922	0.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	83	0.023	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.736	198	1	0.231	ng	# 1
24) Pentachlorophenol	17.003	266	20	0.174	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.457	149	1594	0.042	ng	# 95

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

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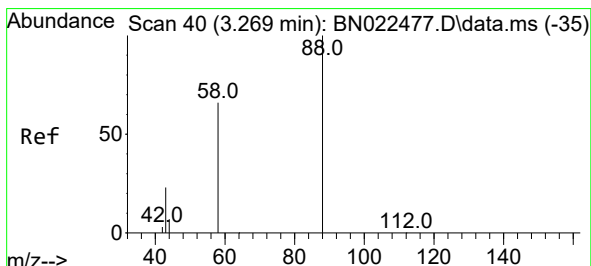
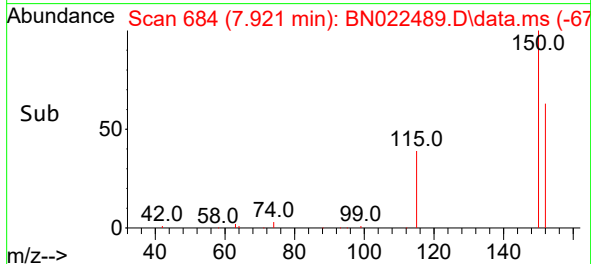
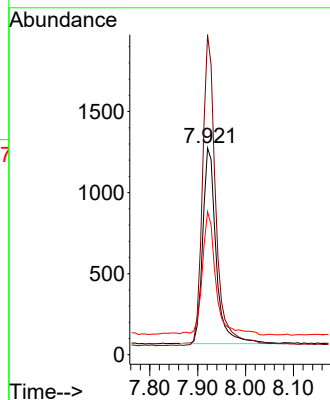
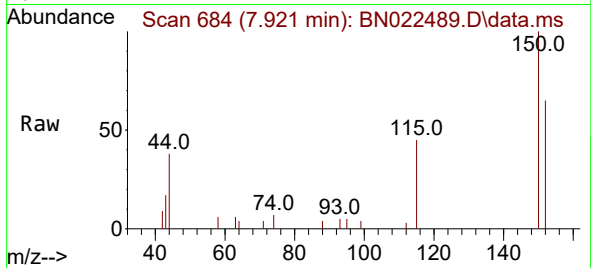




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.921 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN022489.D
 Acq: 03 Nov 2022 22:23

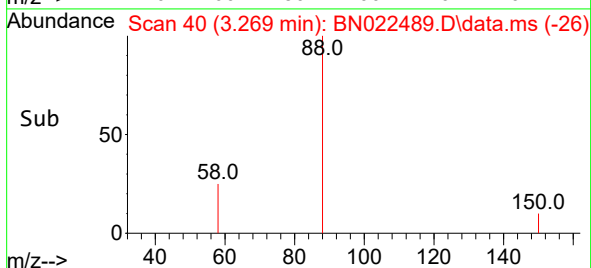
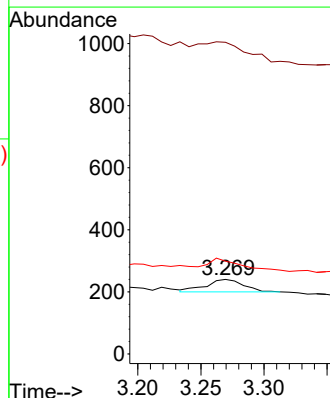
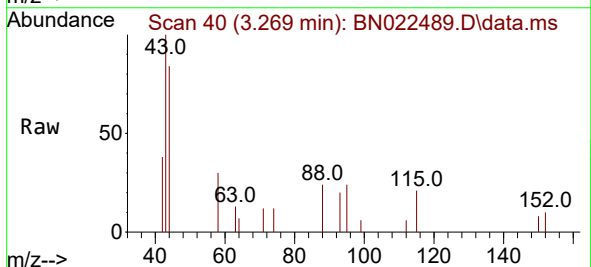
Instrument :
 BNA_N
 ClientSampleId :
 RW8-PT-IN01-11012022

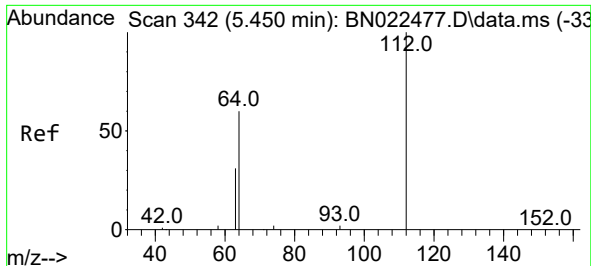
Tgt Ion:152 Resp: 2353
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.4 185.2
 115 69.3 54.9 82.3



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.269 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BN022489.D
 Acq: 03 Nov 2022 22:23

Tgt Ion: 88 Resp: 83
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.4 32.0#
 58 71.1 58.4 87.6

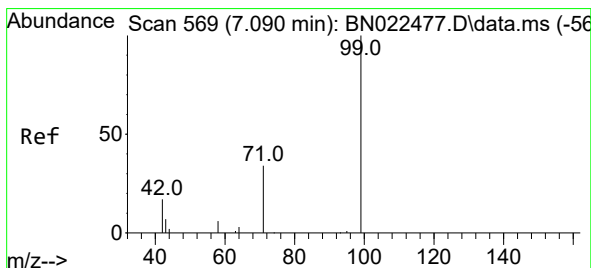
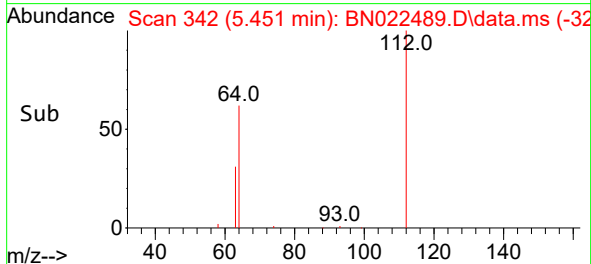
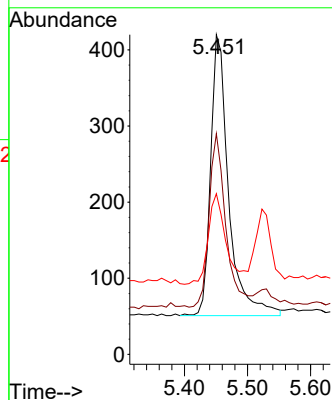
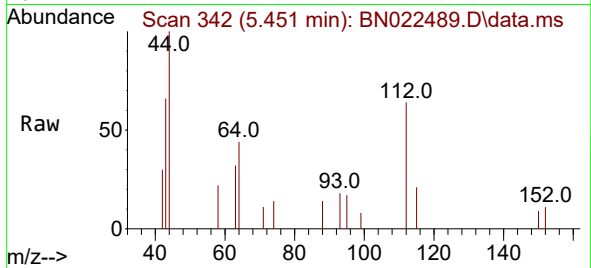




#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.451 min Scan# 341
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

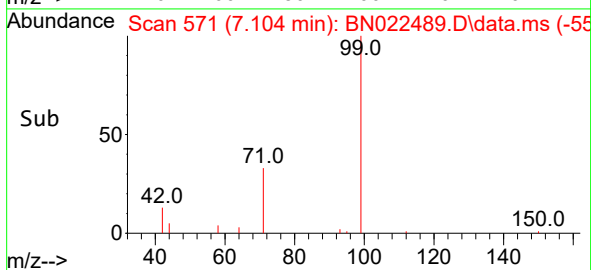
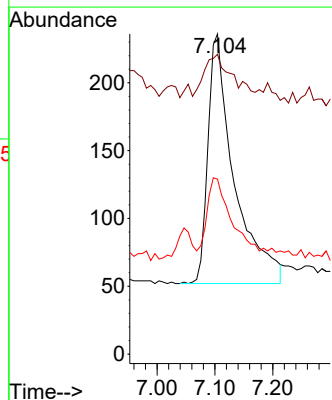
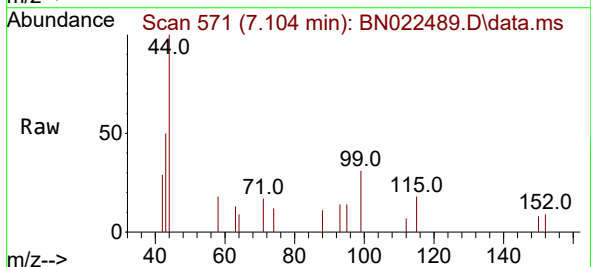
Instrument :
BNA_N
ClientSampleId :
RW8-PT-IN01-11012022

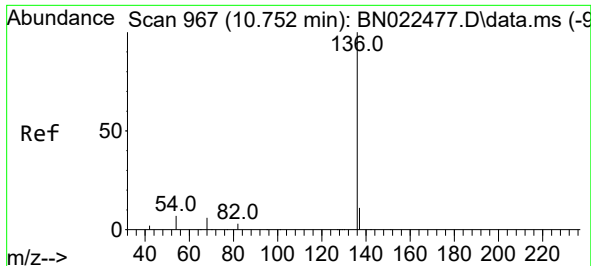
Tgt Ion:112 Resp: 731
Ion Ratio Lower Upper
112 100
64 57.2 47.1 70.7
63 30.9 24.6 36.8



#5
Phenol-d6
Concen: 0.069 ng
RT: 7.104 min Scan# 571
Delta R.T. 0.015 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion: 99 Resp: 577
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 28.6 27.0 40.6

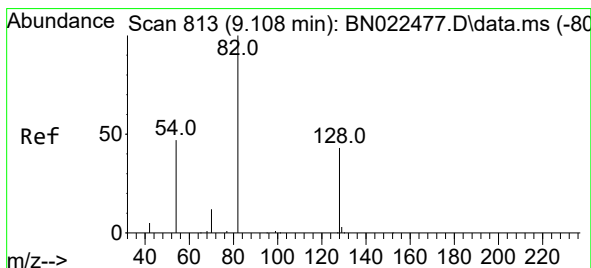
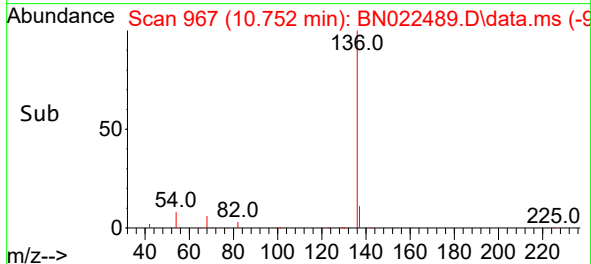
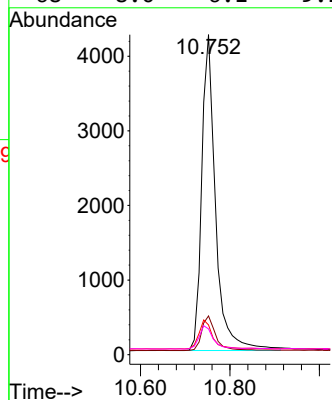
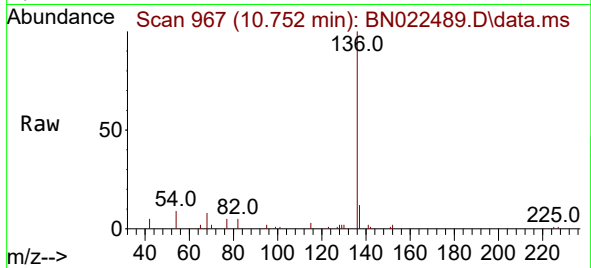




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

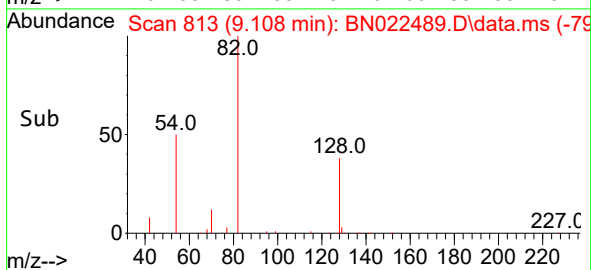
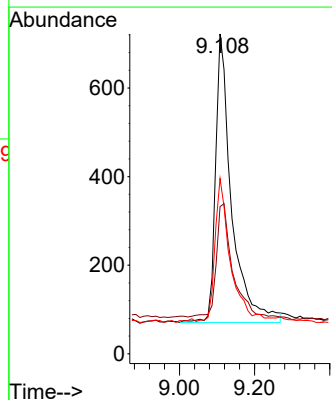
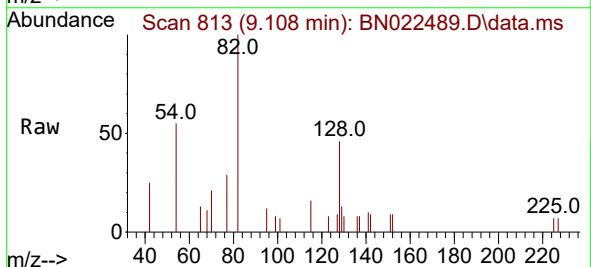
Instrument :
BNA_N
ClientSampleId :
RW8-PT-IN01-11012022

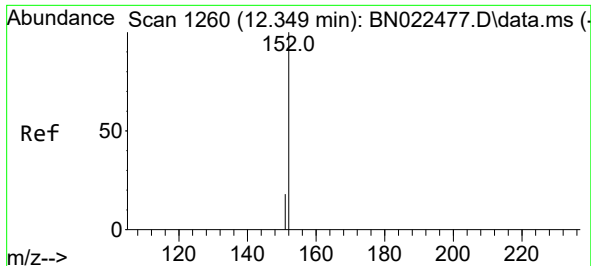
Tgt Ion:	136	Resp:	9107
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	9.3	7.1	10.7
68	8.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 9.108 min Scan# 813
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion:	82	Resp:	1937
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.3	55.9
54	54.8	40.0	60.0





#11

2-Methylnaphthalene-d10

Concen: 0.227 ng

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN022489.D

Acq: 03 Nov 2022 22:23

Instrument :

BNA_N

ClientSampleId :

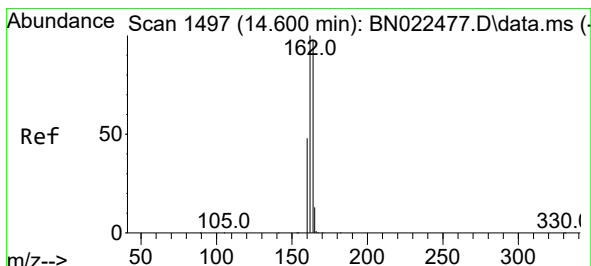
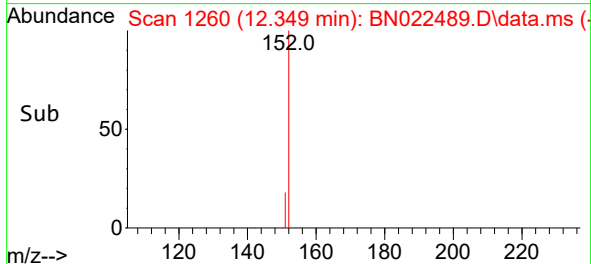
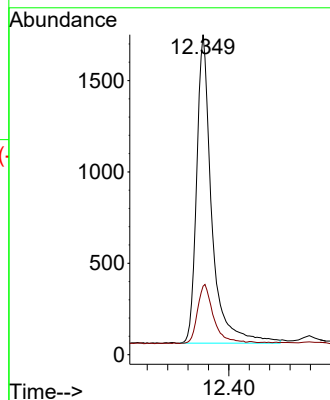
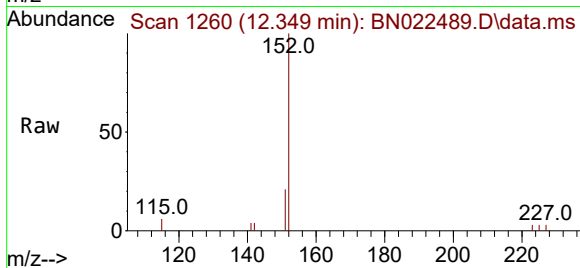
RW8-PT-IN01-11012022

Tgt Ion:152 Resp: 3468

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.600 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BN022489.D

Acq: 03 Nov 2022 22:23

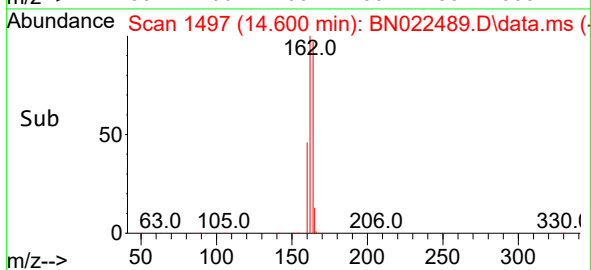
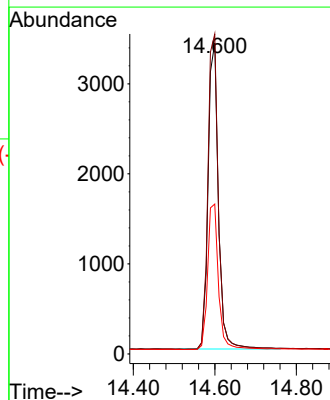
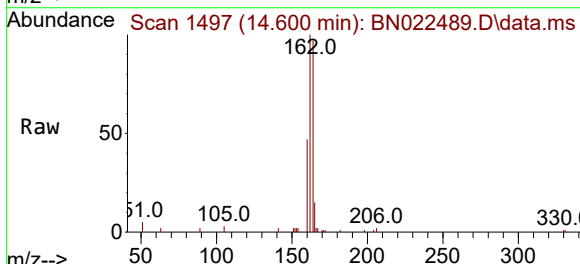
Tgt Ion:164 Resp: 5998

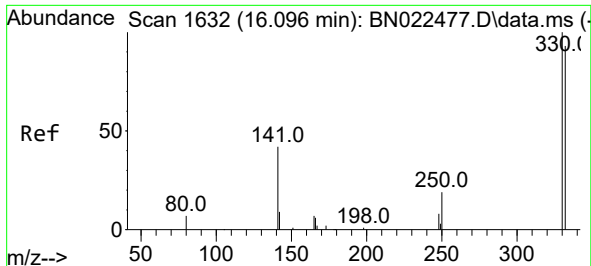
Ion Ratio Lower Upper

164 100

162 102.9 82.0 123.0

160 48.2 39.4 59.2

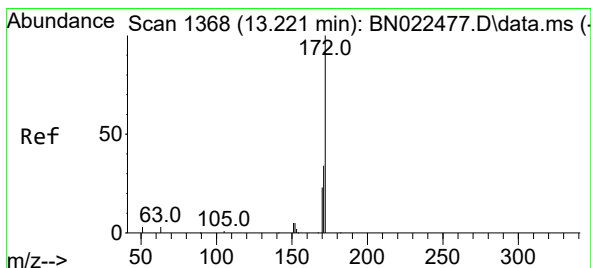
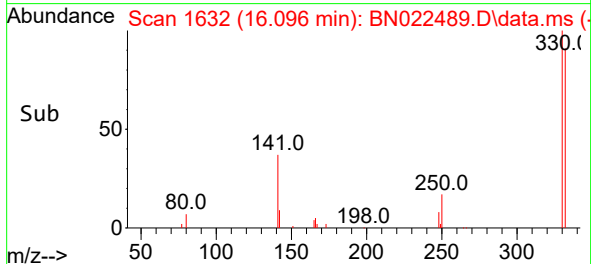
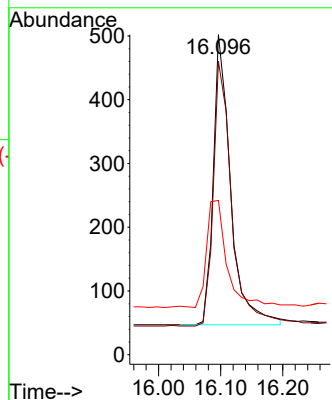
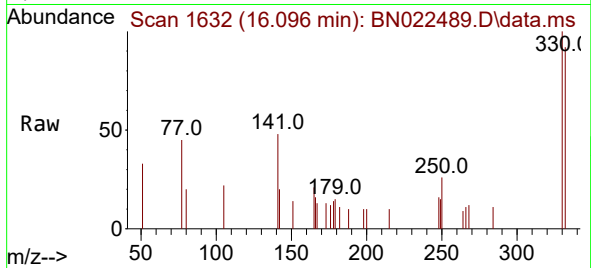




#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

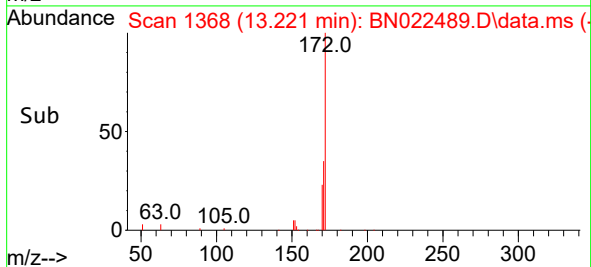
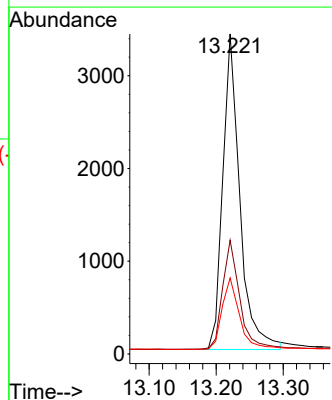
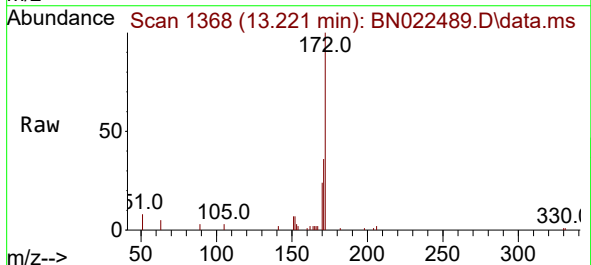
Instrument :
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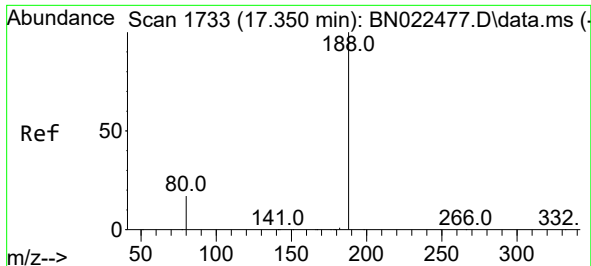
Tgt Ion:330 Resp: 884
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 42.8 35.0 52.6



#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion:172 Resp: 6036
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 19.2 28.8

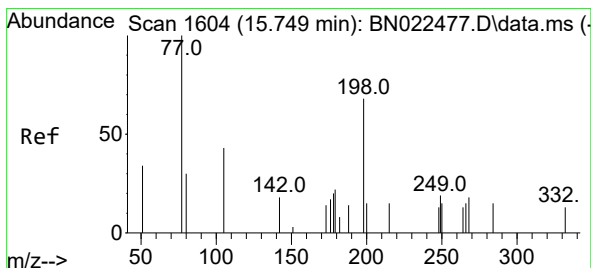
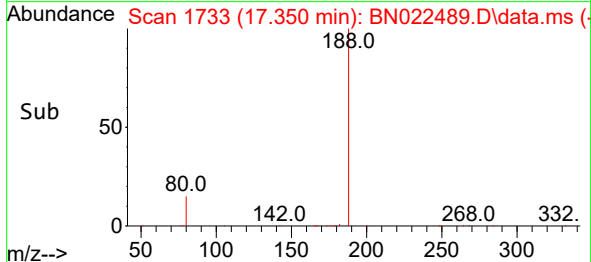
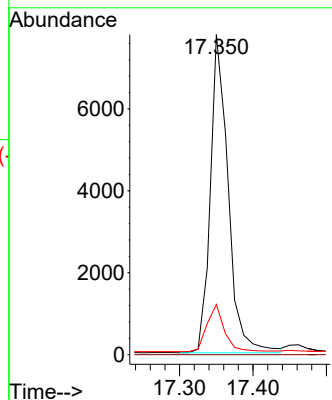
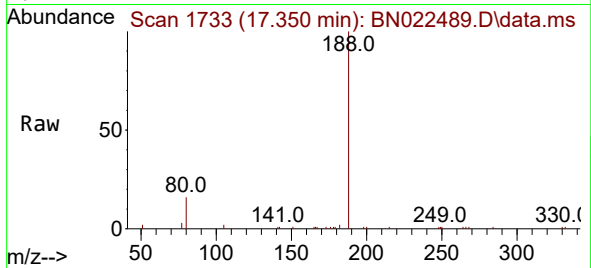




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

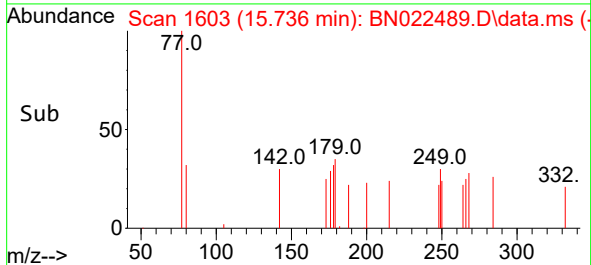
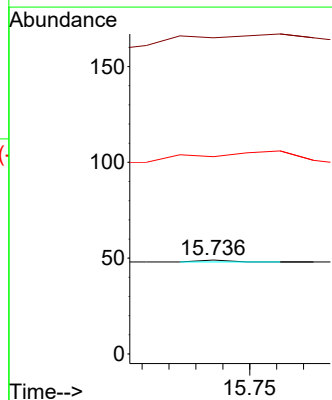
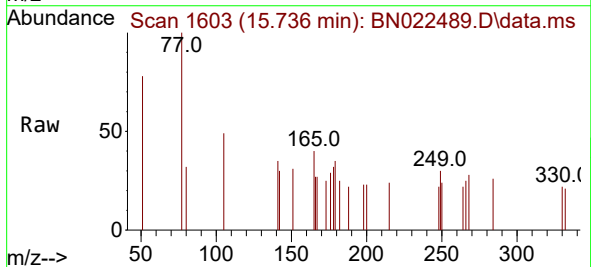
Instrument :
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RW8-PT-IN01-11012022

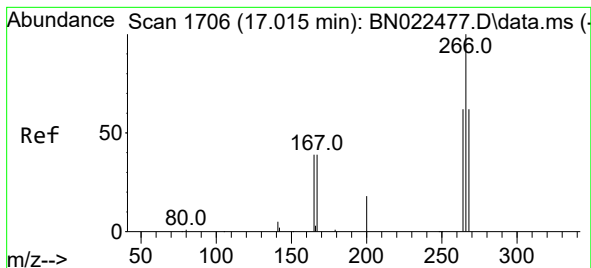
Tgt Ion:188 Resp: 13071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 14.6 21.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.231 ng
RT: 15.736 min Scan# 1603
Delta R.T. -0.013 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 336.7 83.8 125.8#
105 210.2 71.4 107.2#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 17.003 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN022489.D

Acq: 03 Nov 2022 22:23

Instrument :

BNA_N

ClientSampleId :

RW8-PT-IN01-11012022

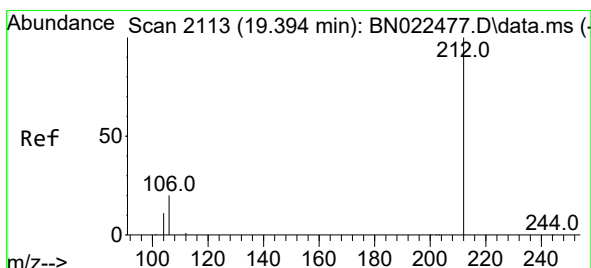
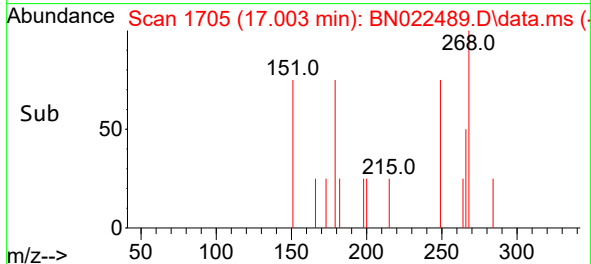
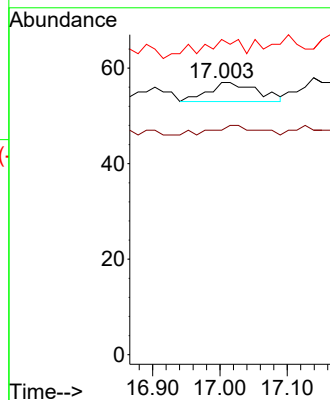
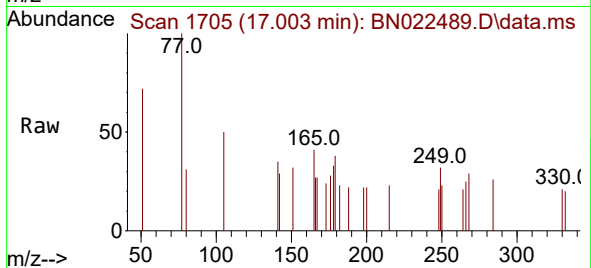
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 45.0 50.6 75.8#

268 40.0 54.1 81.1#



#27

Fluoranthene-d10

Concen: 0.323 ng

RT: 19.395 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BN022489.D

Acq: 03 Nov 2022 22:23

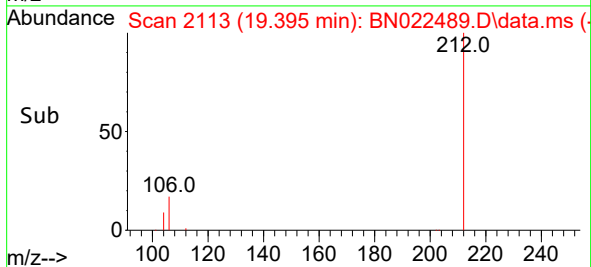
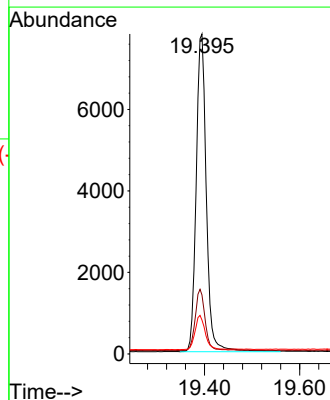
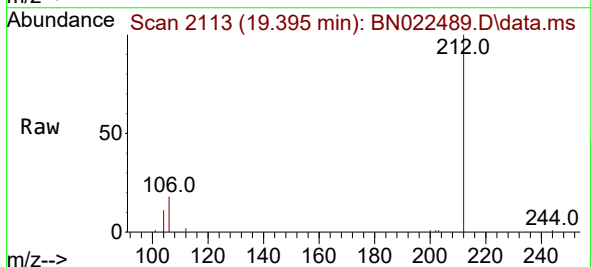
Tgt Ion:212 Resp: 11544

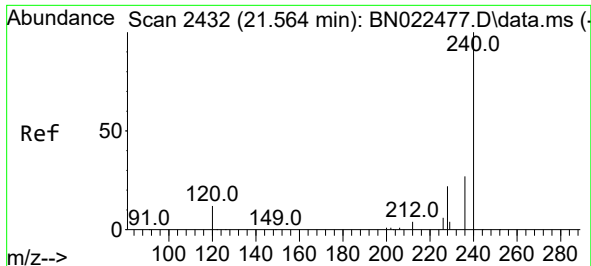
Ion Ratio Lower Upper

212 100

106 18.7 15.2 22.8

104 10.7 8.6 12.8

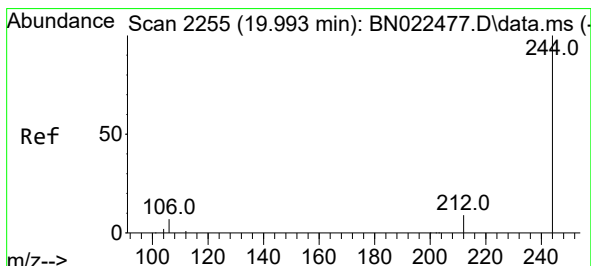
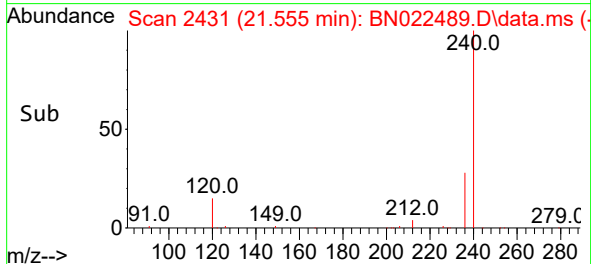
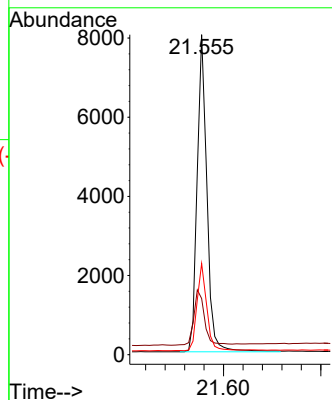
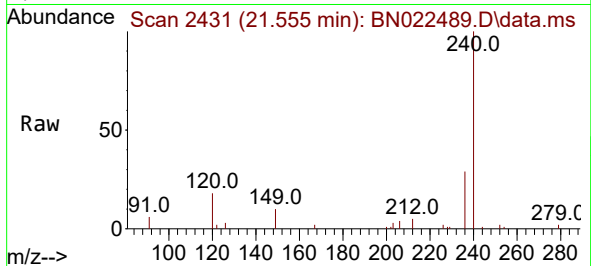




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

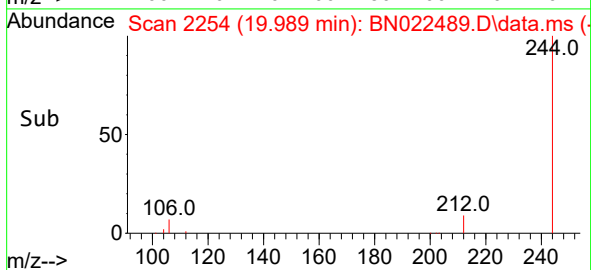
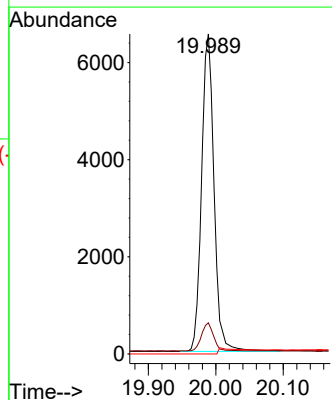
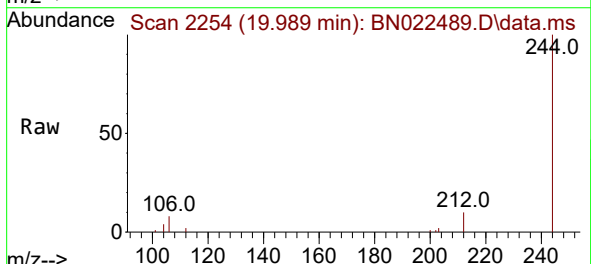
Instrument :
BNA_N
ClientSampleId :
RW8-PT-IN01-11012022

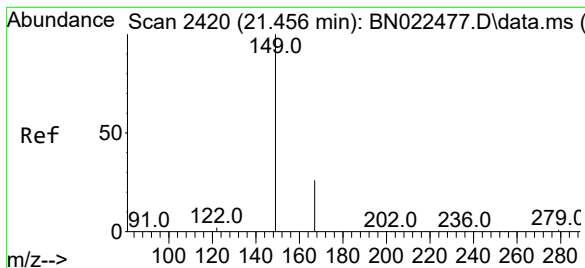
Tgt Ion:240 Resp: 11137
Ion Ratio Lower Upper
240 100
120 17.5 12.4 18.6
236 28.5 22.7 34.1



#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.989 min Scan# 2254
Delta R.T. -0.004 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion:244 Resp: 11922
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.8
122 0.0 0.0 0.0

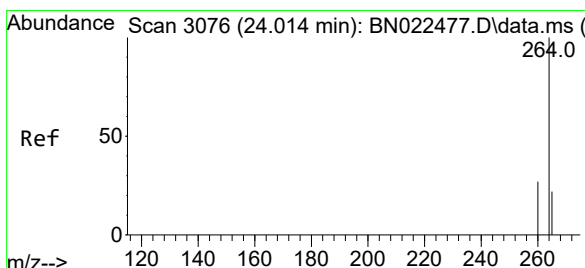
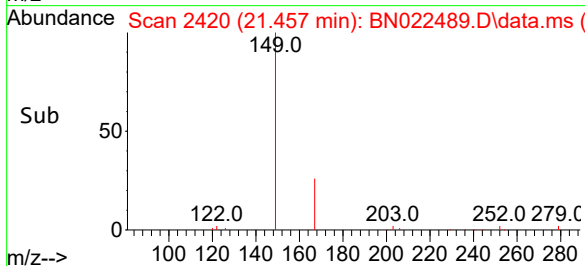
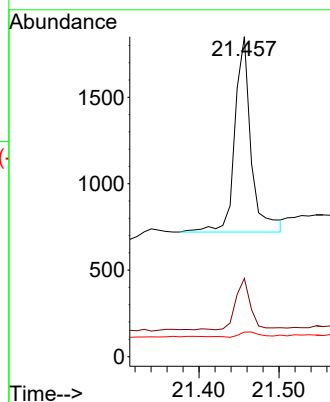
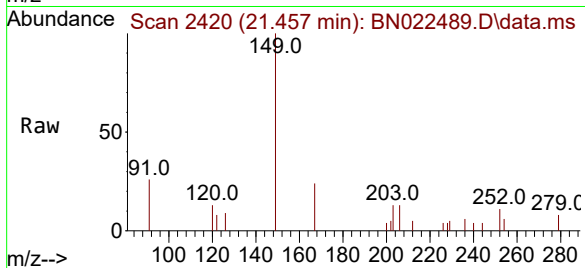




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.457 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Instrument :
BNA_N
ClientSampleId :
RW8-PT-IN01-11012022

Tgt Ion:149 Resp: 1594
Ion Ratio Lower Upper
149 100
167 23.9 21.3 31.9
279 3.5 2.7 4.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.005 min Scan# 3073
Delta R.T. -0.009 min
Lab File: BN022489.D
Acq: 03 Nov 2022 22:23

Tgt Ion:264 Resp: 10049
Ion Ratio Lower Upper
264 100
260 27.6 22.4 33.6
265 54.5 44.4 66.6

