

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110922\
 Data File : BN022576.D
 Acq On : 09 Nov 2022 12:56
 Operator : CG/JU
 Sample : N5469-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221103

Quant Time: Nov 09 23:57:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 09 23:46:48 2022
 Response via : Initial Calibration

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

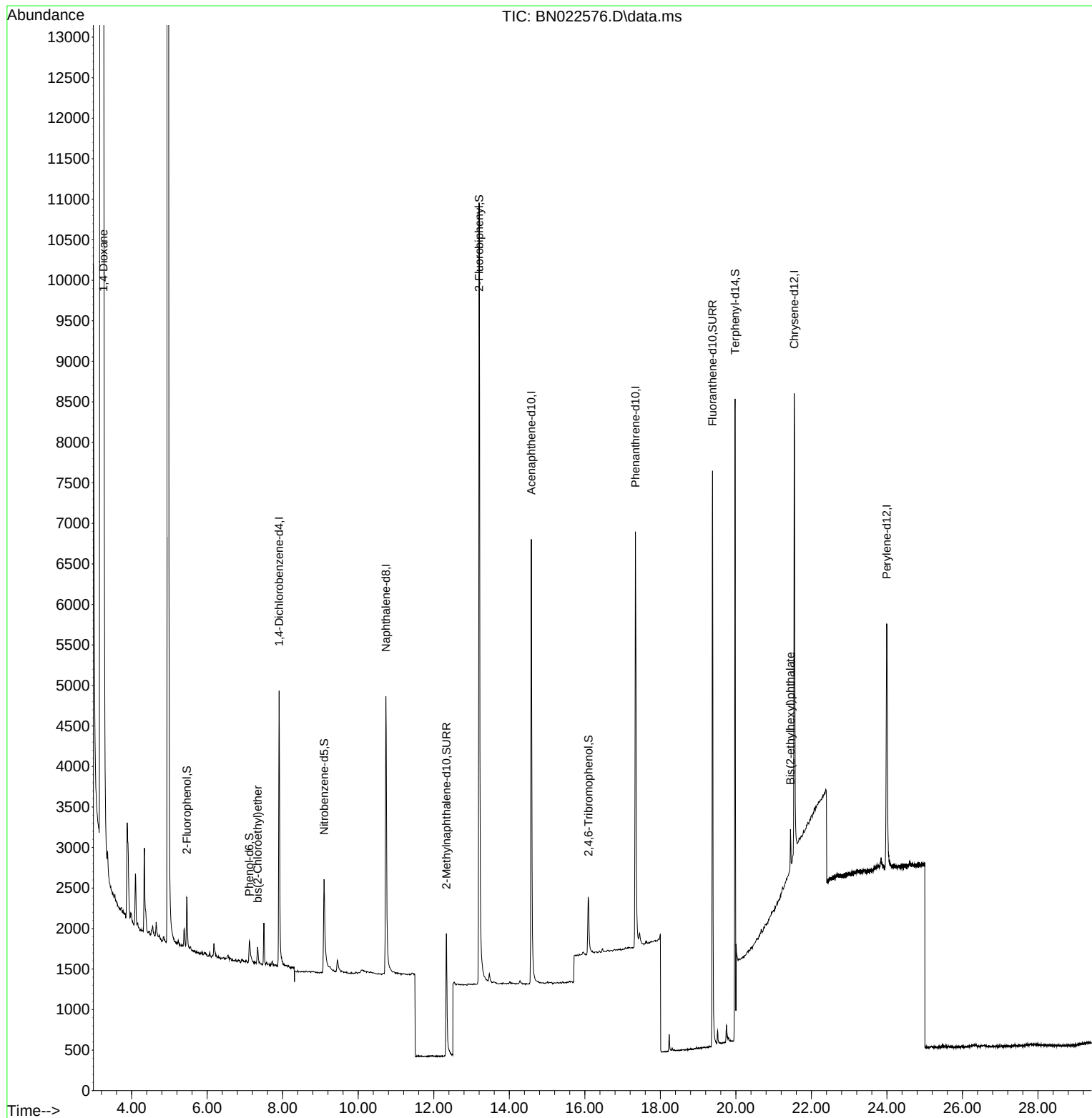
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	1823	0.400	ng	0.00
7) Naphthalene-d8	10.731	136	5924	0.400	ng	# 0.00
13) Acenaphthene-d10	14.582	164	3795	0.400	ng	0.00
19) Phenanthrene-d10	17.341	188	8020	0.400	ng	0.00
29) Chrysene-d12	21.546	240	6064	0.400	ng	# 0.00
35) Perylene-d12	23.993	264	4830	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.465	112	646	0.125	ng	0.00
5) Phenol-d6	7.119	99	491	0.076	ng	0.01
8) Nitrobenzene-d5	9.097	82	1662	0.310	ng	0.01
11) 2-Methylnaphthalene-d10	12.334	152	2789	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.100	330	563	0.283	ng	0.02
15) 2-Fluorobiphenyl	13.203	172	10111	0.639	ng	0.00
27) Fluoranthene-d10	19.382	212	8196	0.374	ng	0.00
31) Terphenyl-d14	19.980	244	12122	0.641	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	10758	3.927	ng	99
6) bis(2-Chloroethyl)ether	7.335	93	201	0.035	ng	94
34) Bis(2-ethylhexyl)phtha...	21.447	149	664	0.032	ng	# 90

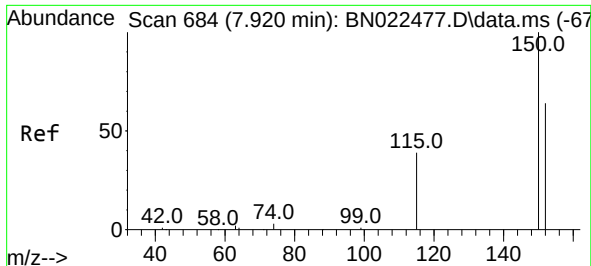
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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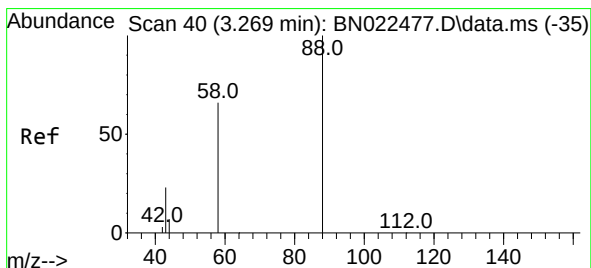
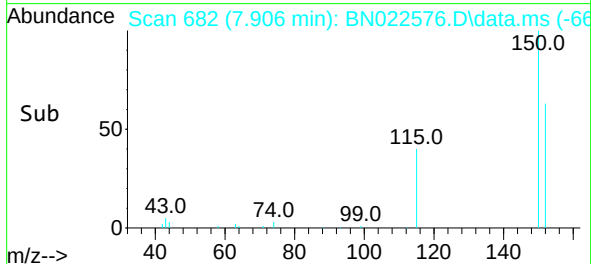
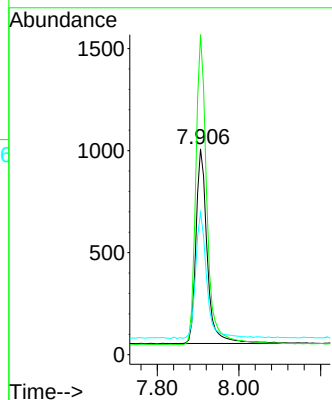
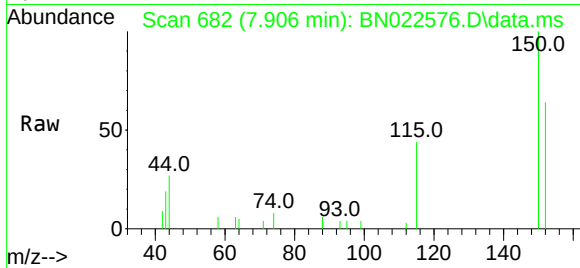




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.906 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022576.D
 Acq: 09 Nov 2022 12:56

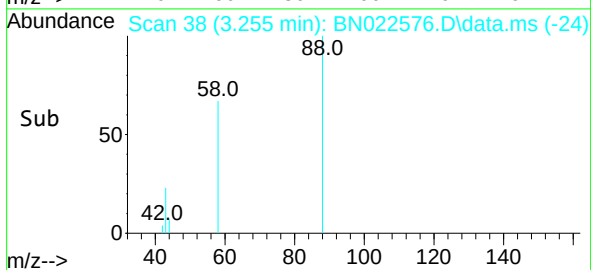
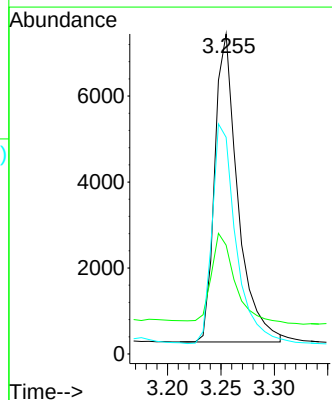
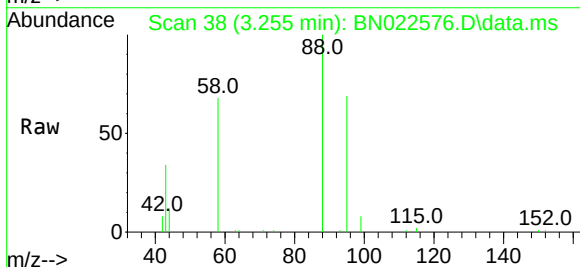
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221103

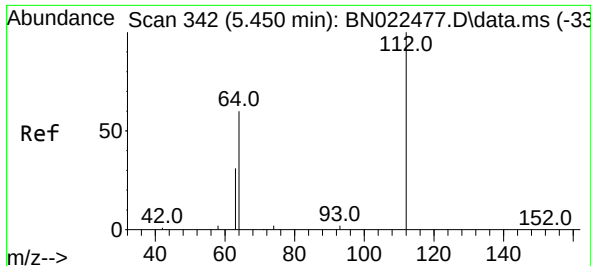
Tgt Ion:152 Resp: 1823
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.4 185.2
 115 69.0 54.9 82.3



#2
 1,4-Dioxane
 Concen: 3.927 ng
 RT: 3.255 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN022576.D
 Acq: 09 Nov 2022 12:56

Tgt Ion: 88 Resp: 10758
 Ion Ratio Lower Upper
 88 100
 43 28.0 21.4 32.0
 58 73.5 58.4 87.6

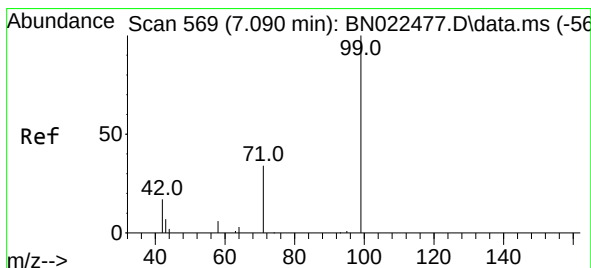
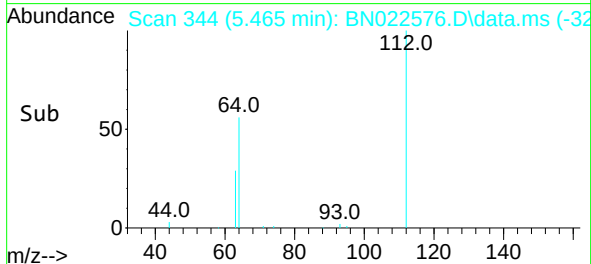
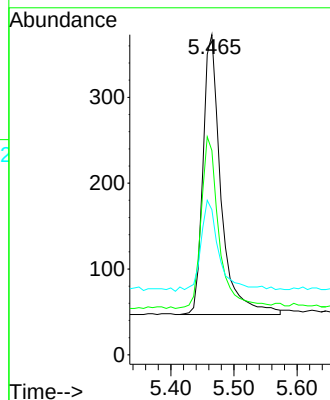
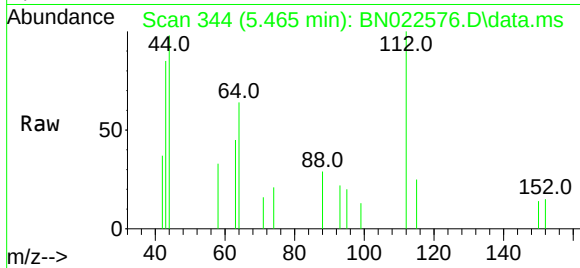




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.465 min Scan# 34
Delta R.T. 0.007 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

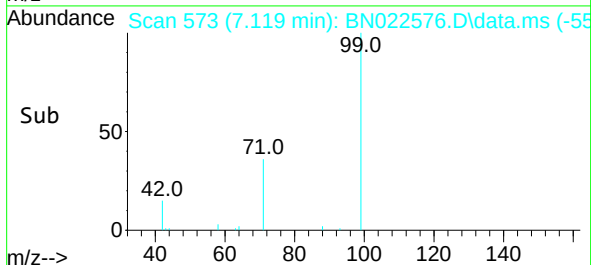
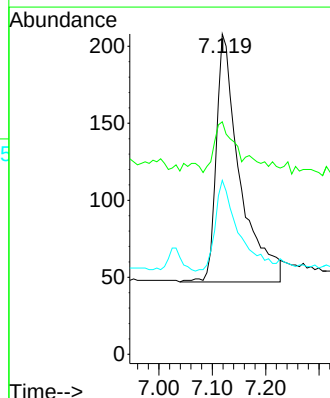
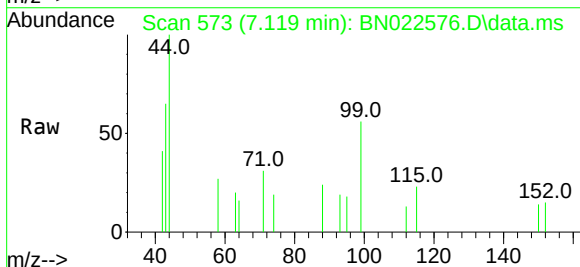
Instrument :
BNA_N
ClientSampleId :
SP-100-20221103

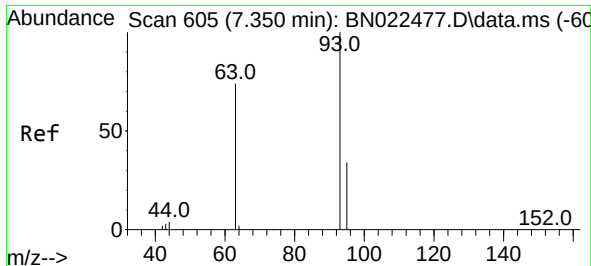
Tgt Ion:112 Resp: 646
Ion Ratio Lower Upper
112 100
64 61.1 47.1 70.7
63 34.2 24.6 36.8



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.119 min Scan# 573
Delta R.T. 0.014 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

Tgt Ion: 99 Resp: 491
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 36.3 27.0 40.6

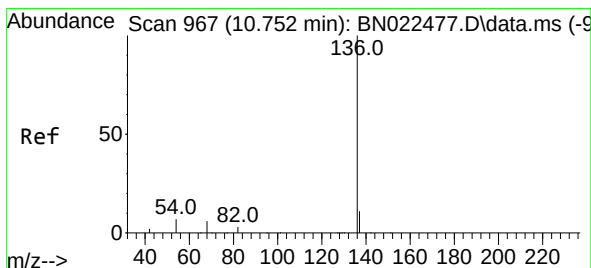
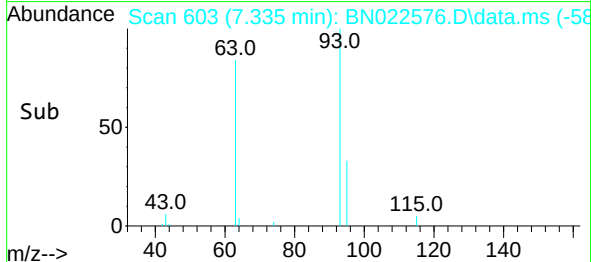
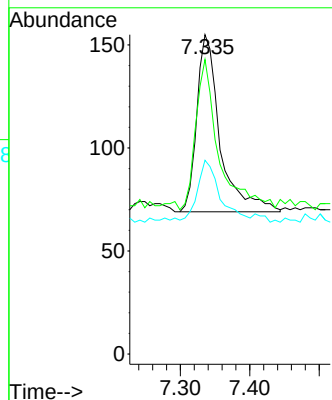
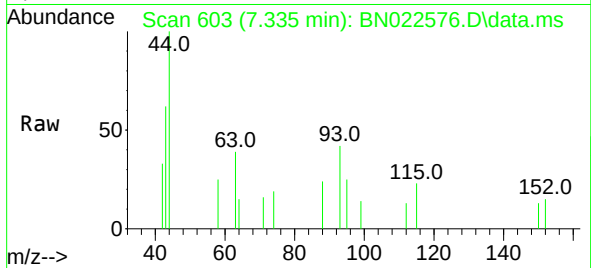




#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.335 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

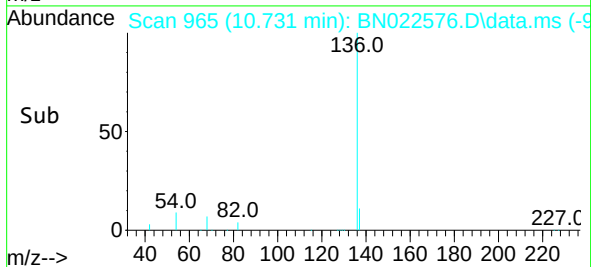
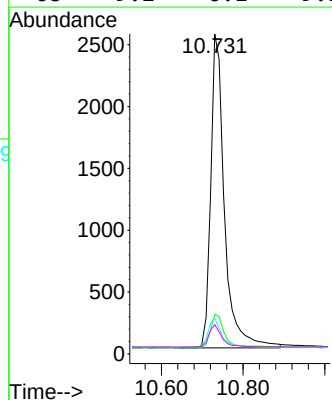
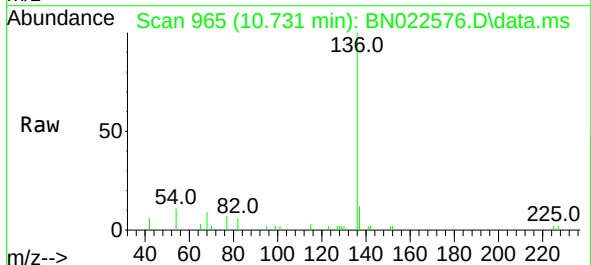
Instrument :
BNA_N
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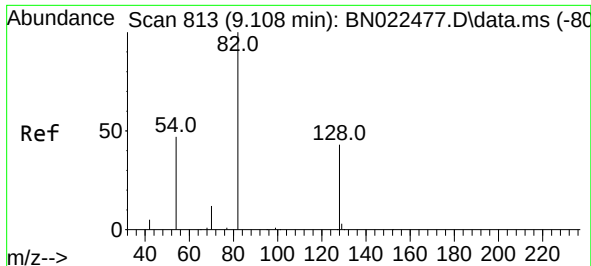
Tgt Ion: 93 Resp: 201
Ion Ratio Lower Upper
93 100
63 83.6 61.2 91.8
95 32.3 25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.731 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

Tgt Ion:136 Resp: 5924
Ion Ratio Lower Upper
136 100
137 12.3 9.5 14.3
54 11.2 7.1 10.7#
68 9.2 6.1 9.1#

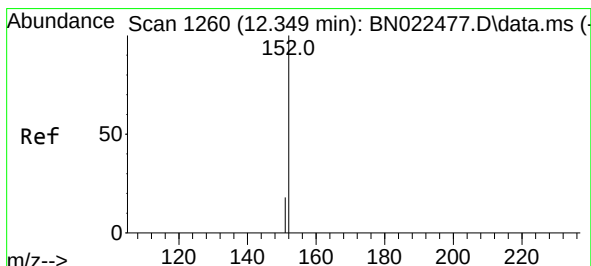
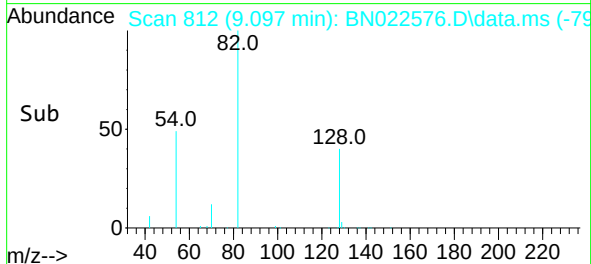
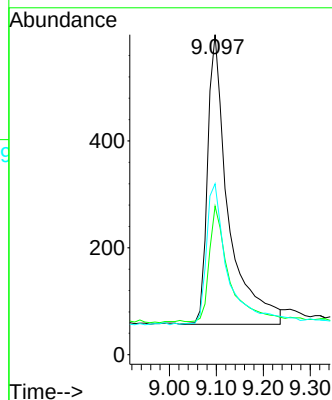
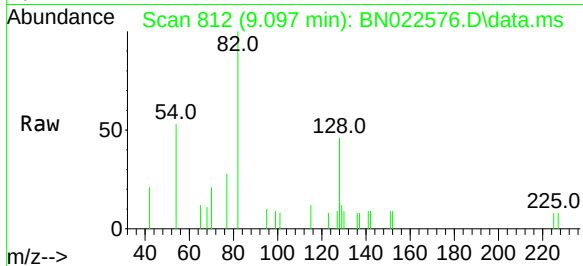




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.097 min Scan# 81
Delta R.T. 0.010 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

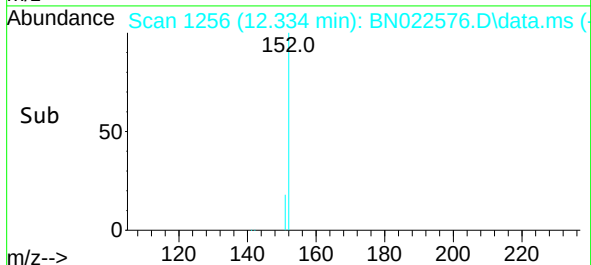
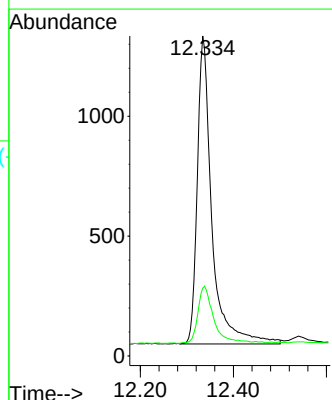
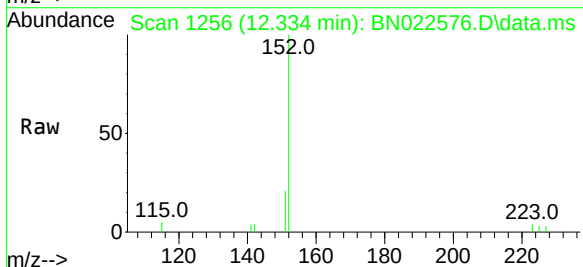
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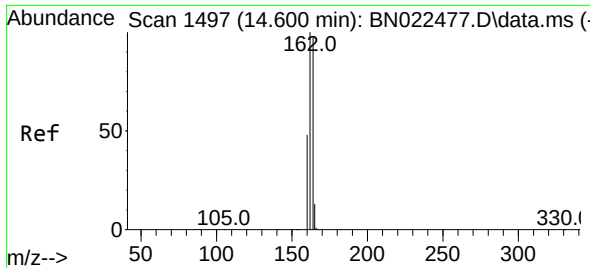
Tgt Ion: 82 Resp: 1662
Ion Ratio Lower Upper
82 100
128 46.4 37.3 55.9
54 53.4 40.0 60.0



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.334 min Scan# 1256
Delta R.T. 0.007 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

Tgt Ion: 152 Resp: 2789
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0

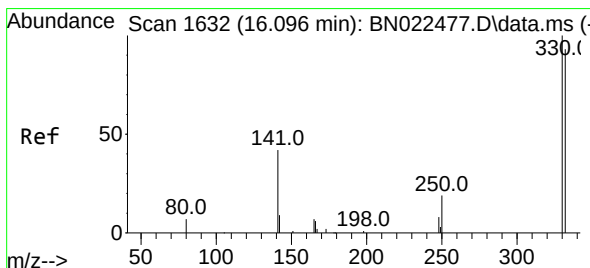
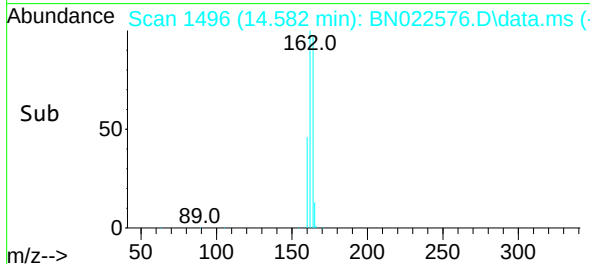
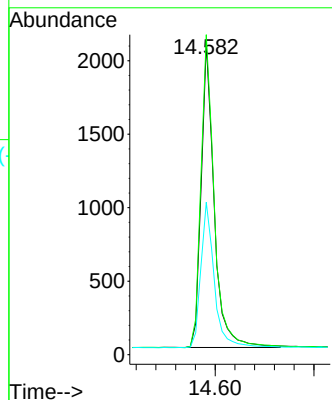
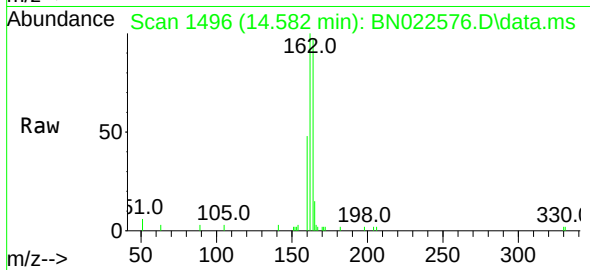




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.582 min Scan# 1496
Delta R.T. 0.004 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

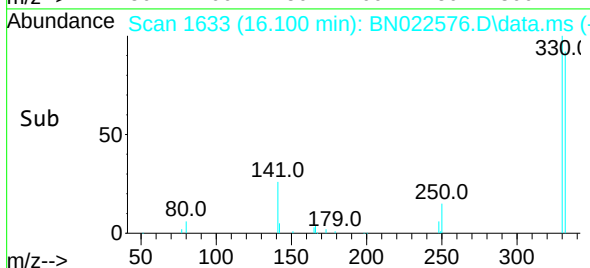
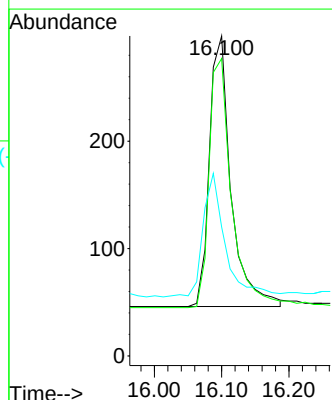
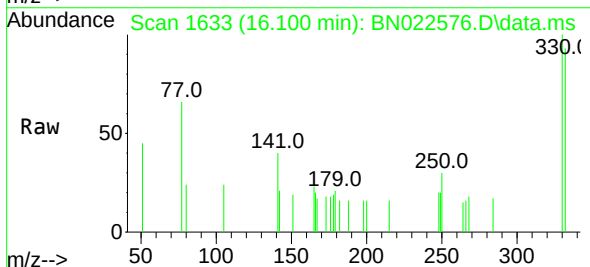
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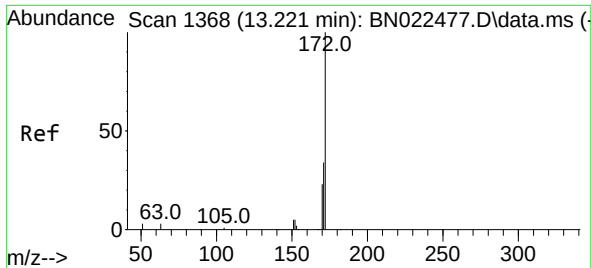
Tgt Ion:164 Resp: 3795
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 49.1 39.4 59.2



#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 16.100 min Scan# 1633
Delta R.T. 0.016 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

Tgt Ion:330 Resp: 563
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 46.7 35.0 52.6

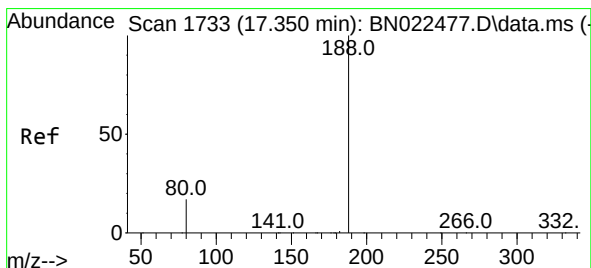
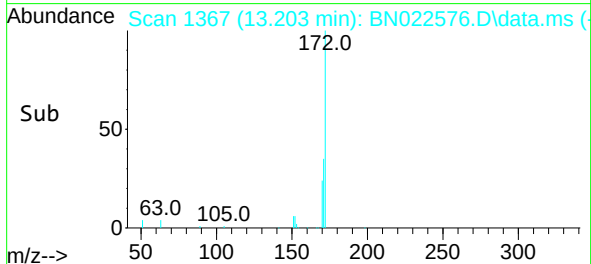
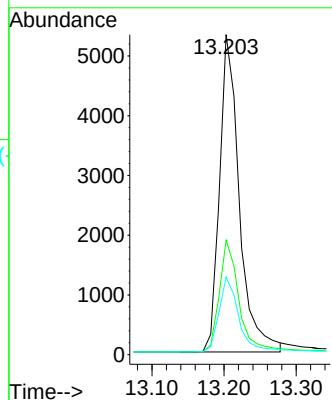
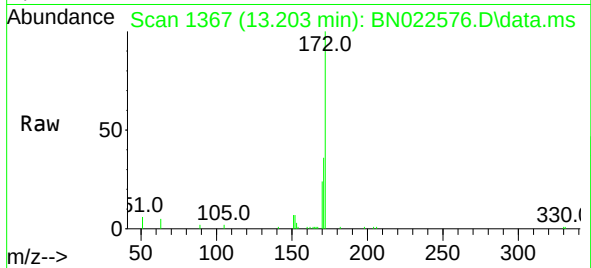




#15
2-Fluorobiphenyl
Concen: 0.639 ng
RT: 13.203 min Scan# 1367
Delta R.T. 0.004 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

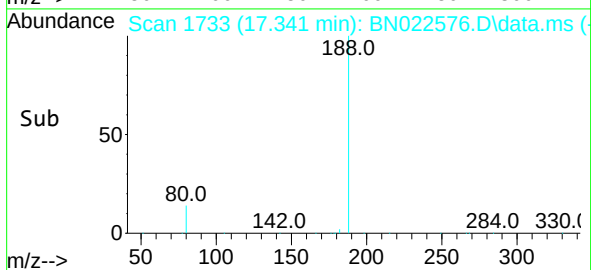
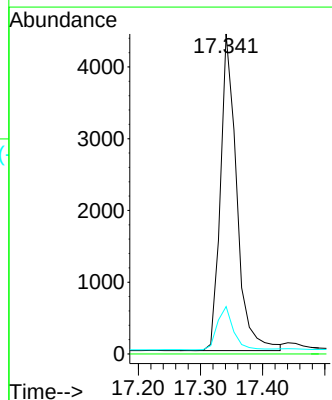
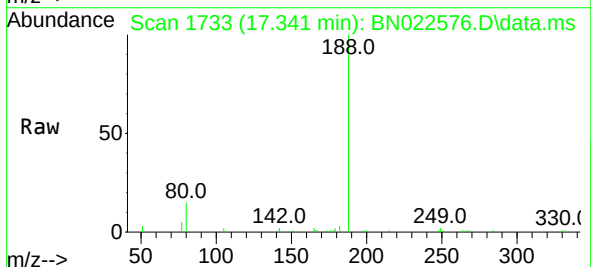
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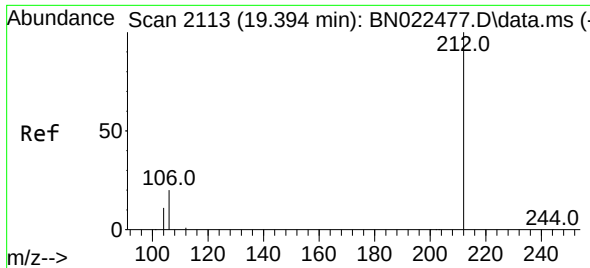
Tgt Ion:	172	Resp:	10111
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.9	41.9
170	24.3	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.341 min Scan# 1733
Delta R.T. 0.004 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

Tgt Ion:	188	Resp:	8020
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.8	14.6	21.8

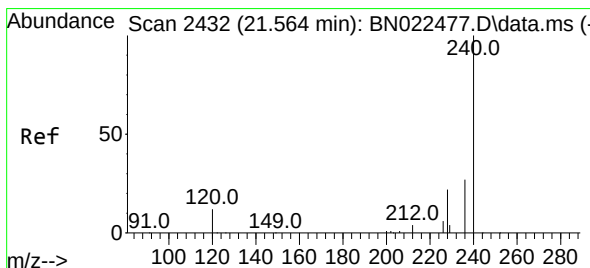
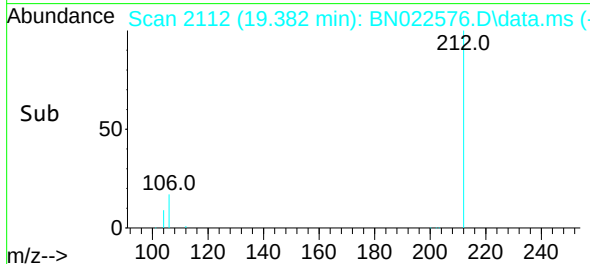
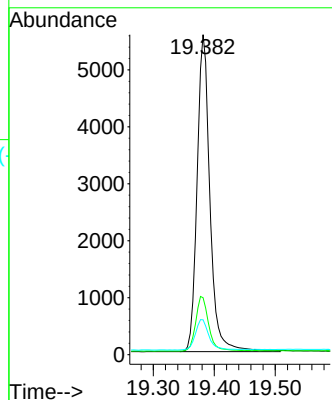
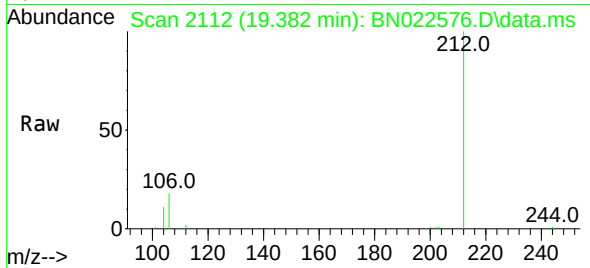




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.382 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

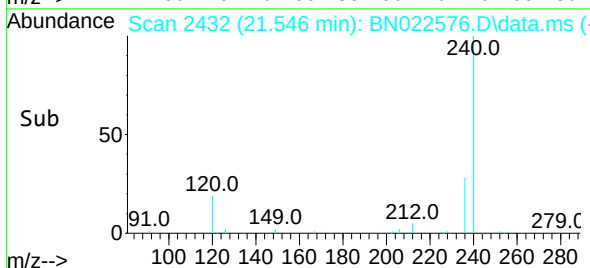
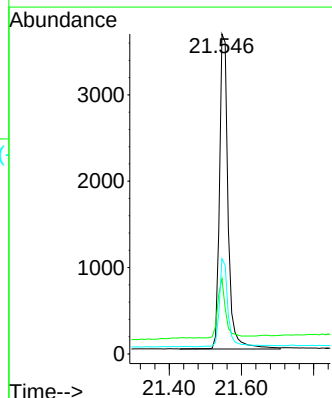
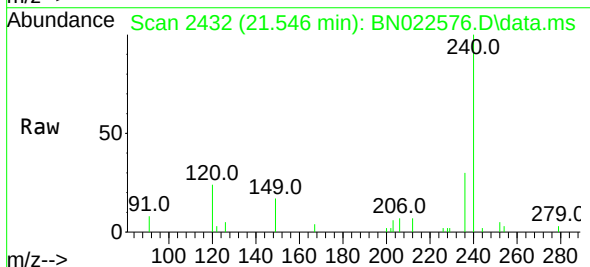
Instrument :
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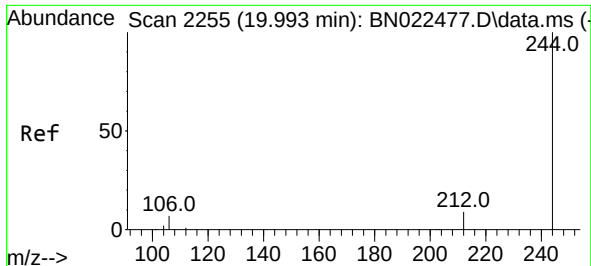
Tgt Ion:212 Resp: 8196
Ion Ratio Lower Upper
212 100
106 17.5 15.2 22.8
104 10.2 8.6 12.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN022576.D
Acq: 09 Nov 2022 12:56

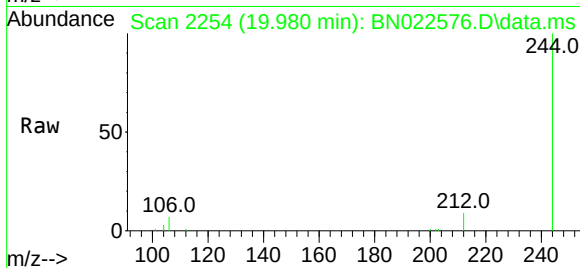
Tgt Ion:240 Resp: 6064
Ion Ratio Lower Upper
240 100
120 23.6 12.4 18.6#
236 29.7 22.7 34.1



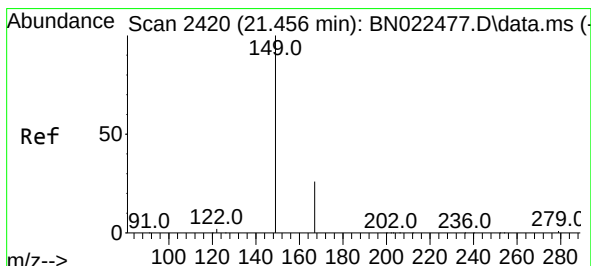
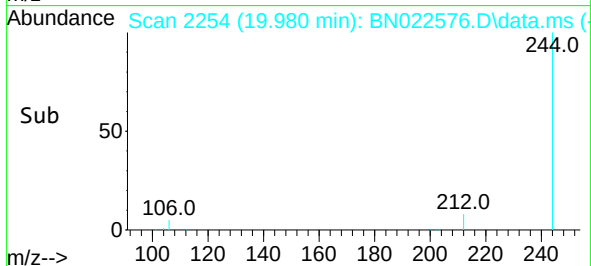
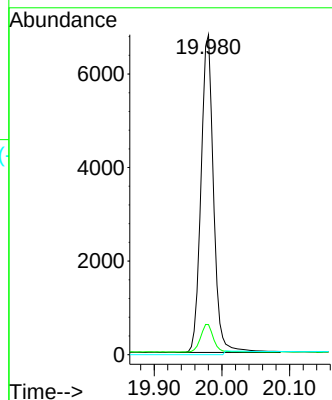


#31
 Terphenyl-d14
 Concen: 0.641 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN022576.D
 Acq: 09 Nov 2022 12:56

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20221103

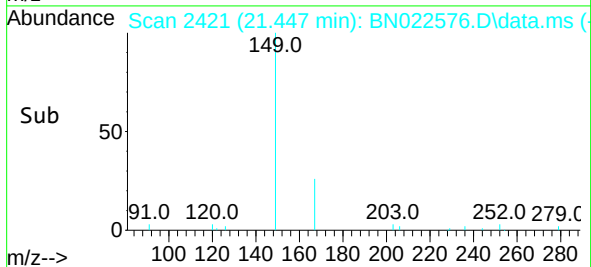
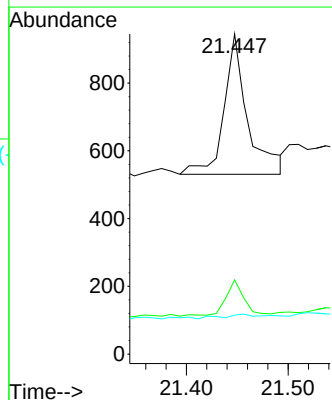
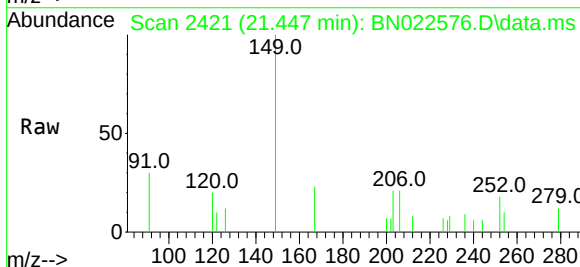


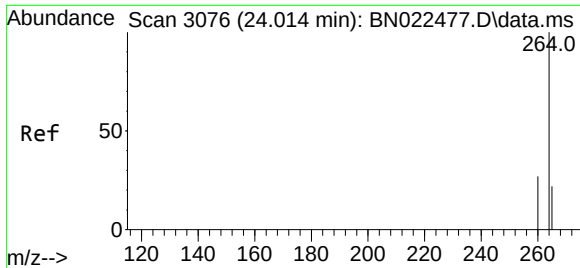
Tgt Ion:244 Resp: 12122
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.8 11.8
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.032 ng
 RT: 21.447 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BN022576.D
 Acq: 09 Nov 2022 12:56

Tgt Ion:149 Resp: 664
 Ion Ratio Lower Upper
 149 100
 167 20.9 21.3 31.9#
 279 4.8 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.993 min Scan# 30

Delta R.T. 0.002 min

Lab File: BN022576.D

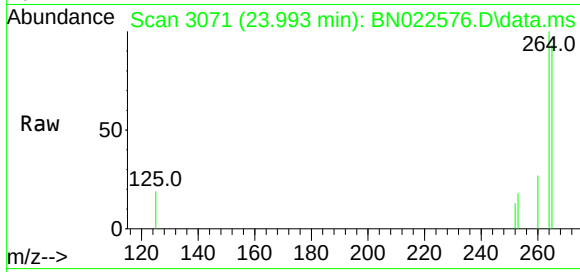
Acq: 09 Nov 2022 12:56

Instrument :

BNA_N

ClientSampleId :

SP-100-20221103



Tgt Ion:264 Resp: 4830

Ion Ratio Lower Upper

264 100

260 27.4 22.4 33.6

265 93.5 44.4 66.6#

