

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027354.D
 Acq On : 01 Sep 2023 21:01
 Operator : MA/JU
 Sample : 04207-04DL 10X
 Misc :
 ALS Vial : 135 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-67-082823-HDL

Quant Time: Sep 02 01:55:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

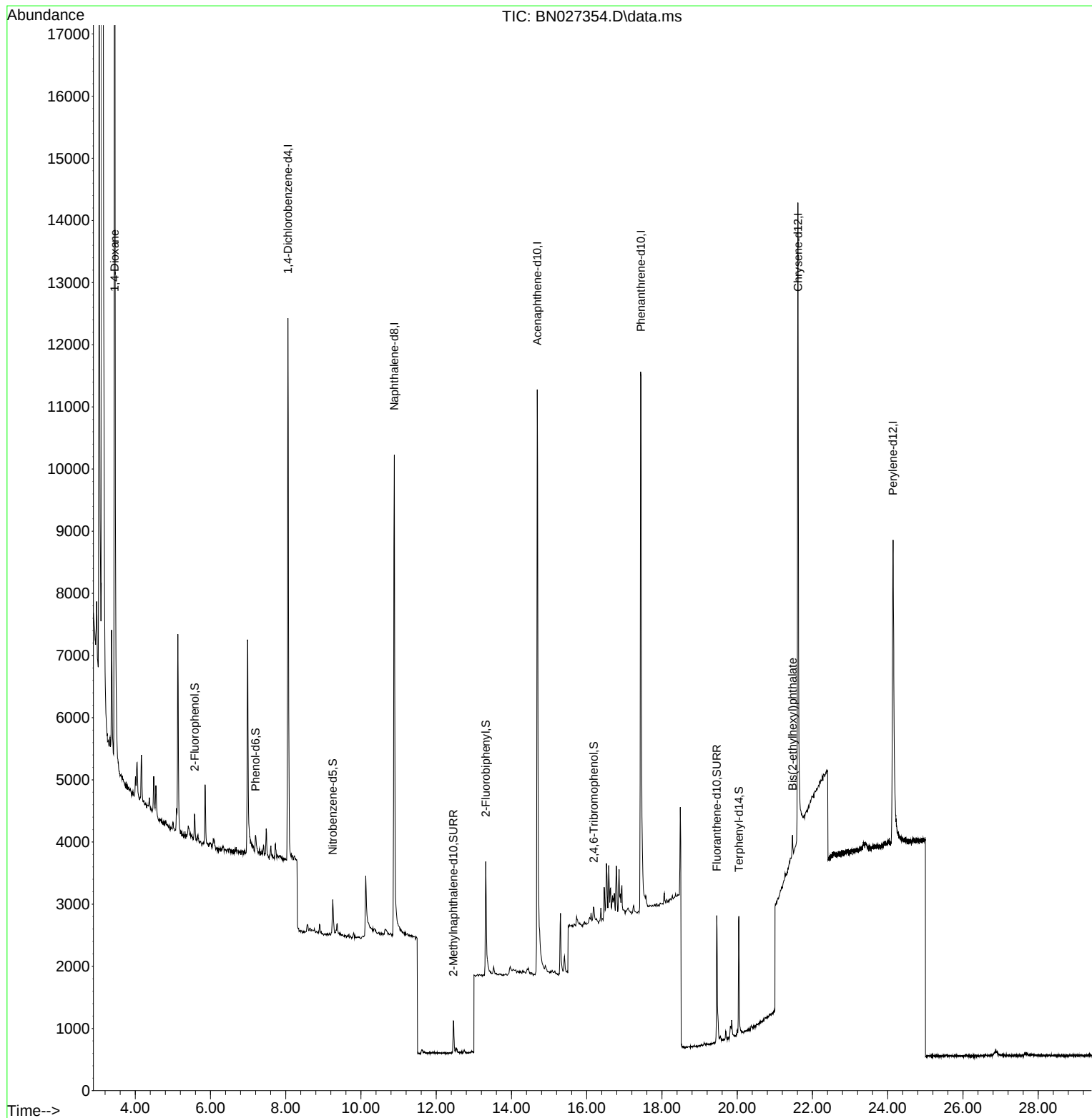
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4184	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	12183	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	7475	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	17551	0.400	ng	# 0.01
29) Chrysene-d12	21.614	240	12725	0.400	ng	0.00
35) Perylene-d12	24.142	264	10423	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	381	0.035	ng	0.00
5) Phenol-d6	7.200	99	276	0.021	ng	0.00
8) Nitrobenzene-d5	9.251	82	535	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	896	0.050	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	203	0.073	ng	0.01
15) 2-Fluorobiphenyl	13.315	172	2159	0.076	ng	0.00
27) Fluoranthene-d10	19.458	212	2606	0.060	ng	0.00
31) Terphenyl-d14	20.043	244	2158	0.084	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	16155	3.163	ng	95
34) Bis(2-ethylhexyl)phtha...	21.471	149	428	0.020	ng	# 98

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

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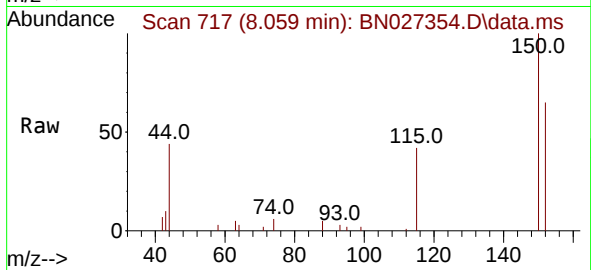
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration



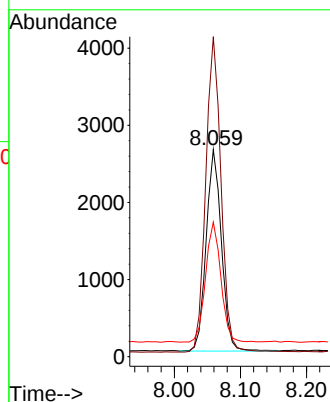
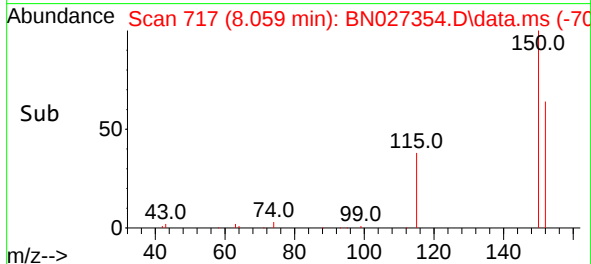


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.059 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

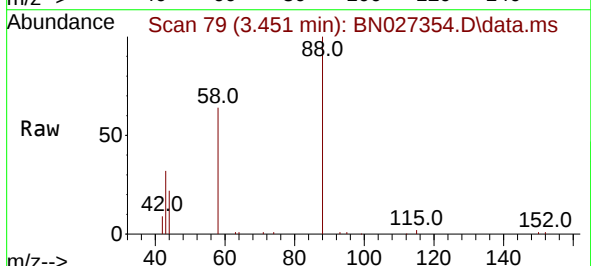
Instrument :
BNA_N
ClientSampleId :
OW-07B-67-082823-HDL



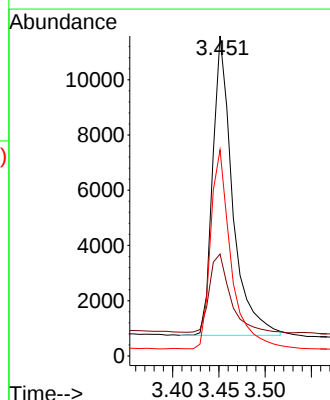
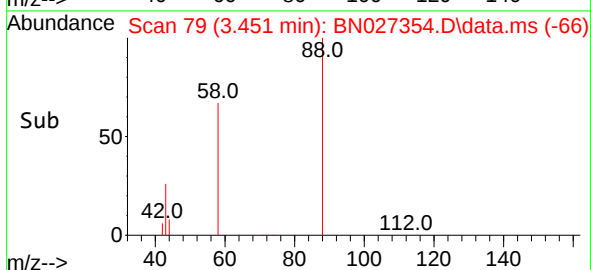
Tgt Ion:152 Resp: 4184
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 65.0 48.6 73.0



#2
1,4-Dioxane
Concen: 3.163 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.007 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01



Tgt Ion: 88 Resp: 16155
Ion Ratio Lower Upper
88 100
43 27.4 19.1 28.7
58 68.5 52.2 78.2

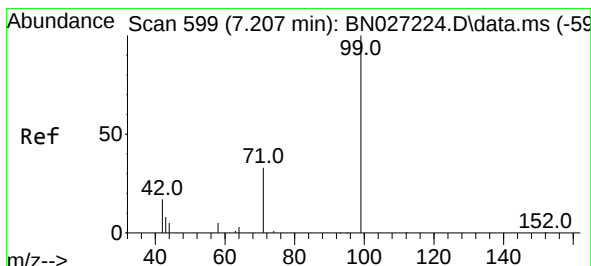
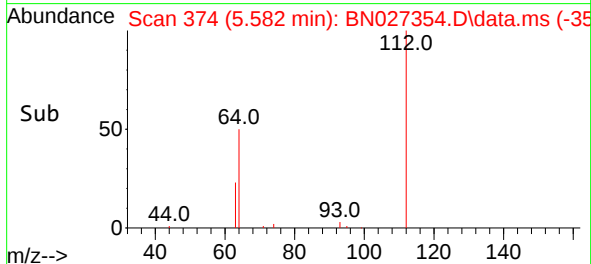
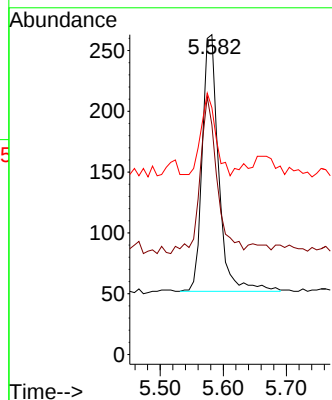
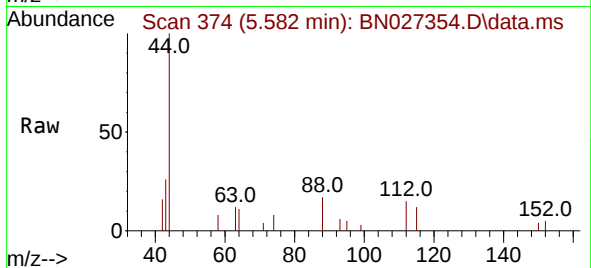




#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.582 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

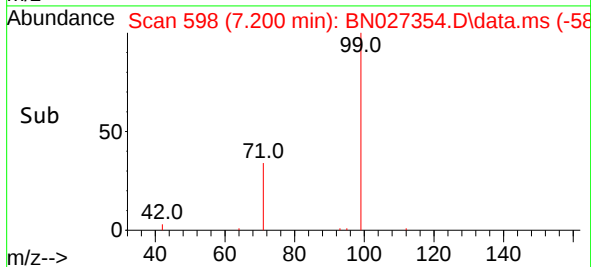
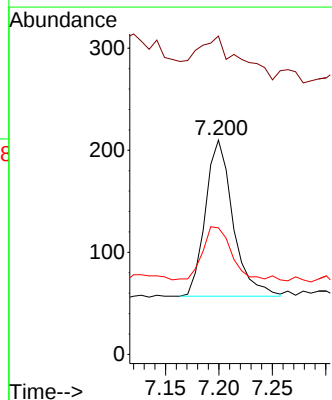
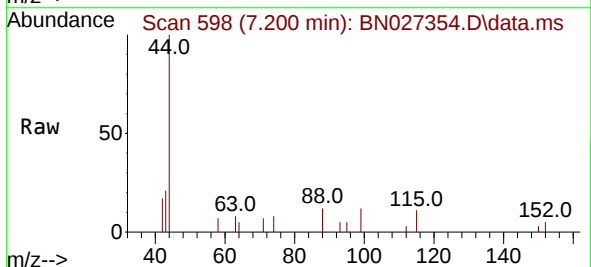
Instrument :
BNA_N
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Tgt Ion:112 Resp: 381
Ion Ratio Lower Upper
112 100
64 63.5 44.4 66.6
63 28.3 23.1 34.7



#5
Phenol-d6
Concen: 0.021 ng
RT: 7.200 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

Tgt Ion: 99 Resp: 276
Ion Ratio Lower Upper
99 100
42 42.4 14.5 21.7#
71 37.7 25.8 38.6

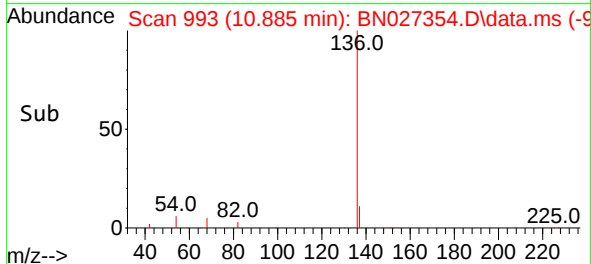
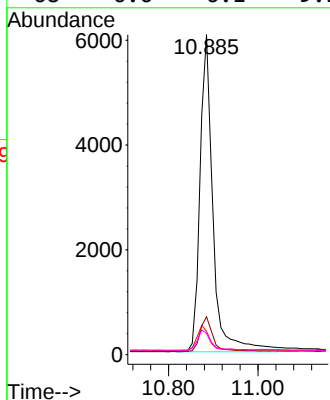
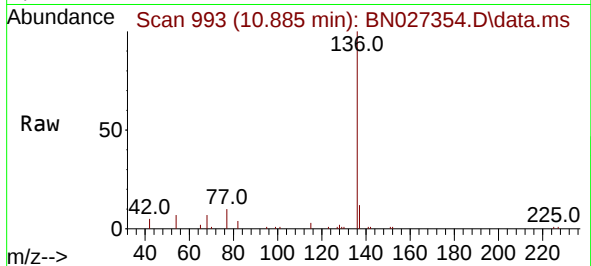




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

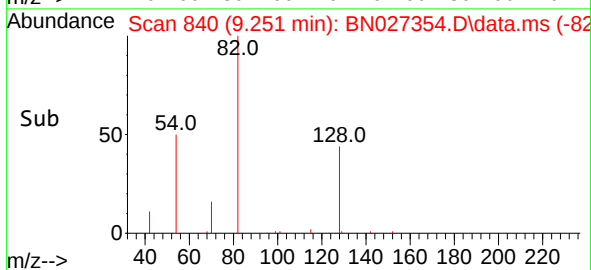
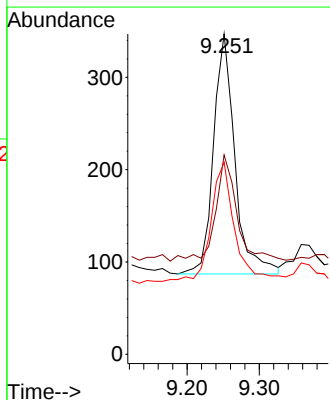
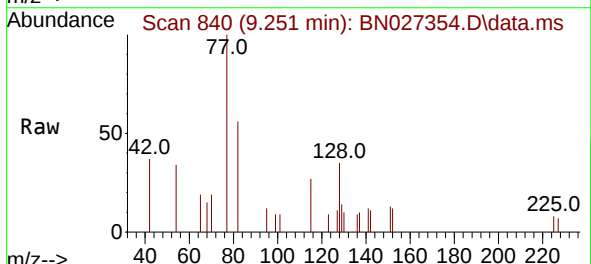
Instrument :
BNA_N
ClientSampleId :
OW-07B-67-082823-HDL

Tgt Ion:	136	Resp:	12183
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.3	13.9
54	7.3	6.7	10.1
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

Tgt Ion:	82	Resp:	535
Ion Ratio	Lower	Upper	
82	100		
128	62.2	33.4	50.0#
54	59.9	37.7	56.5#





#11

2-Methylnaphthalene-d10

Concen: 0.050 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027354.D

Acq: 01 Sep 2023 21:01

Instrument :

BNA_N

ClientSampleId :

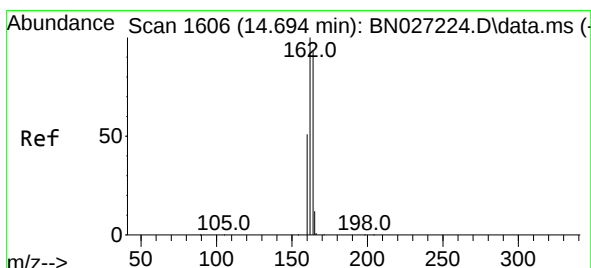
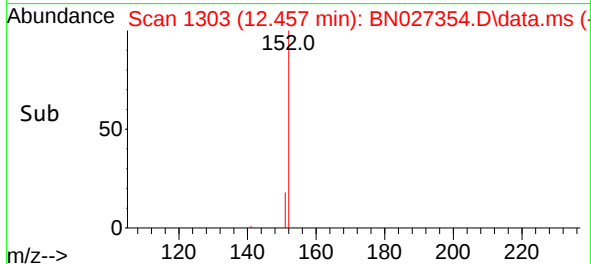
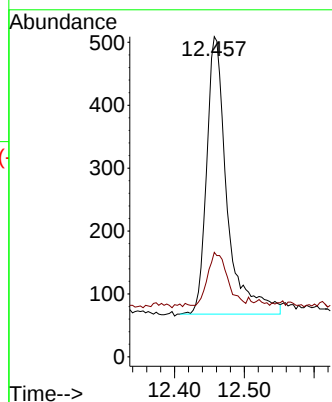
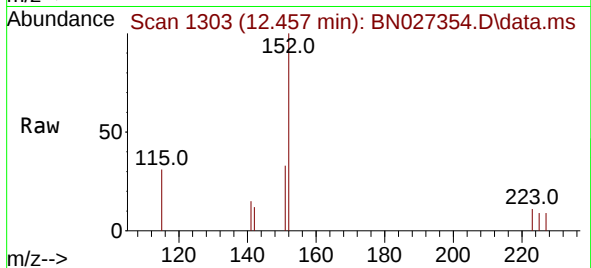
OW-07B-67-082823-HDL

Tgt Ion:152 Resp: 896

Ion Ratio Lower Upper

152 100

151 19.1 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.683 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BN027354.D

Acq: 01 Sep 2023 21:01

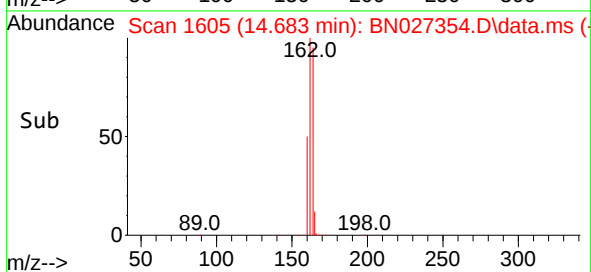
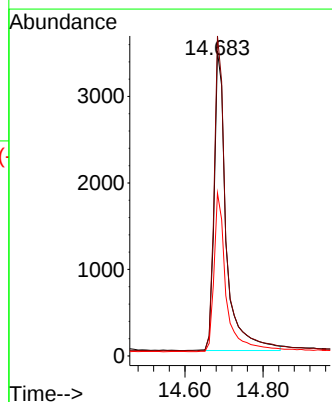
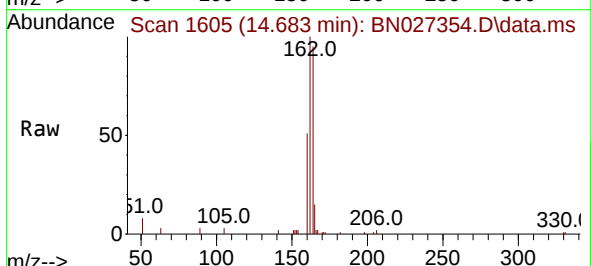
Tgt Ion:164 Resp: 7475

Ion Ratio Lower Upper

164 100

162 105.1 85.8 128.8

160 53.5 44.2 66.2

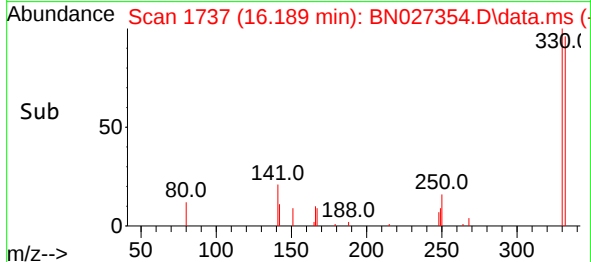
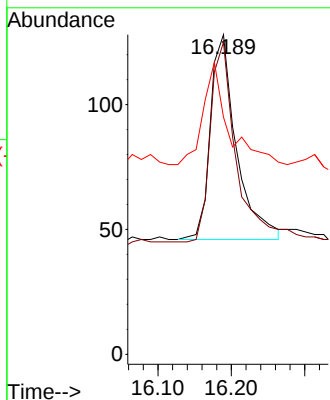
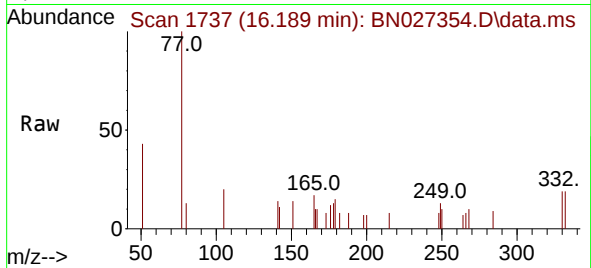




#14
2,4,6-Tribromophenol
Concen: 0.073 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

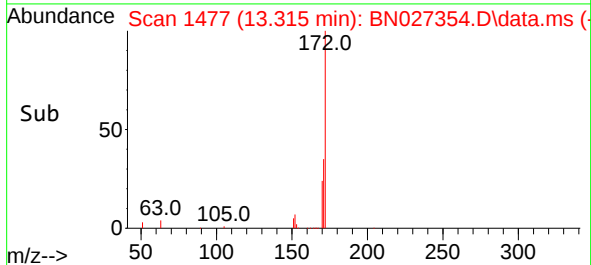
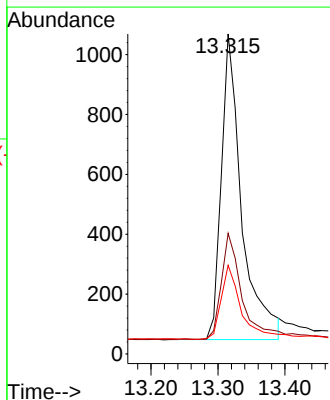
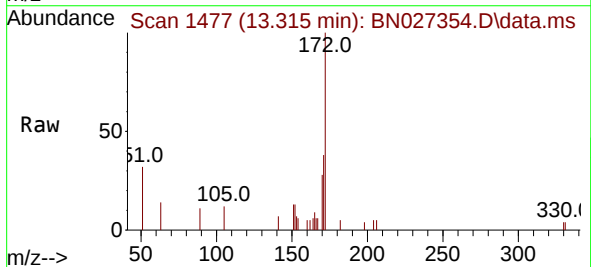
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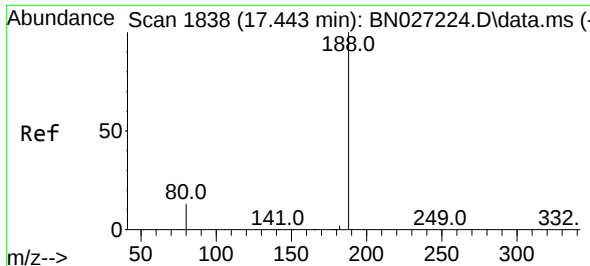
Tgt Ion:330 Resp: 203
Ion Ratio Lower Upper
330 100
332 95.1 75.2 112.8
141 47.8 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.076 ng
RT: 13.315 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

Tgt Ion:172 Resp: 2159
Ion Ratio Lower Upper
172 100
171 37.7 27.8 41.8
170 27.7 19.3 28.9

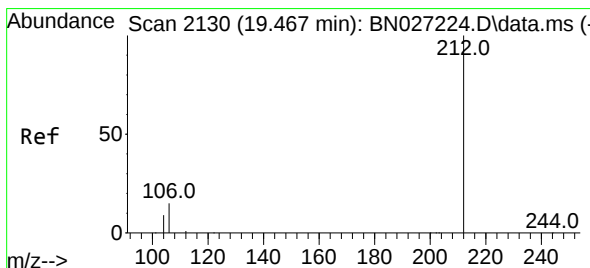
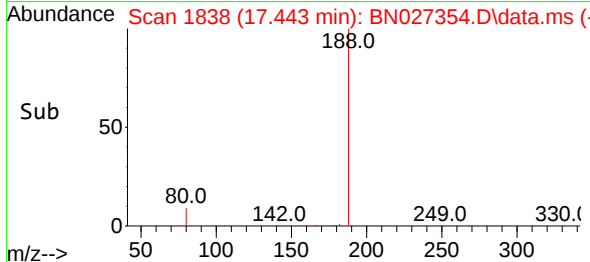
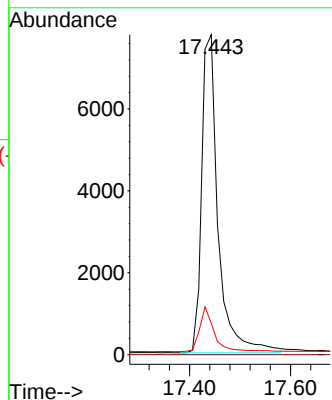
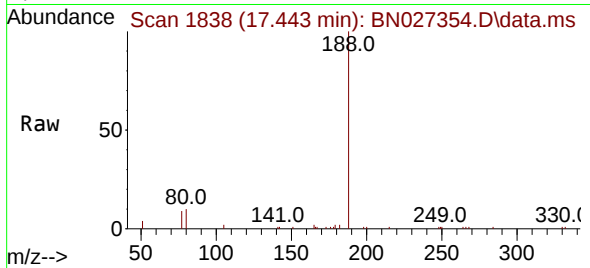




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

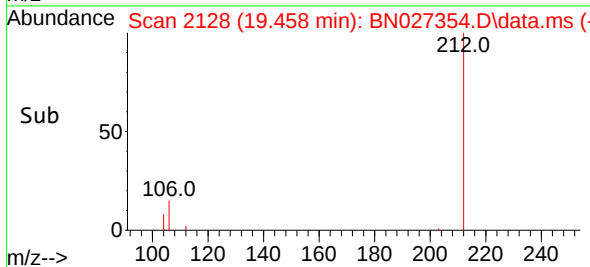
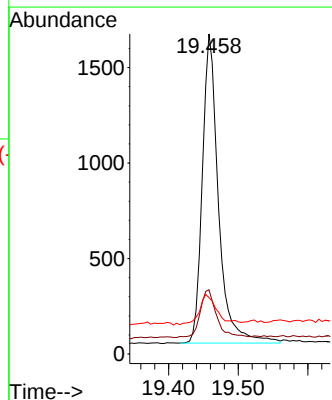
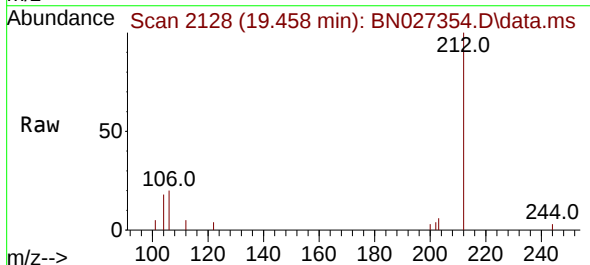
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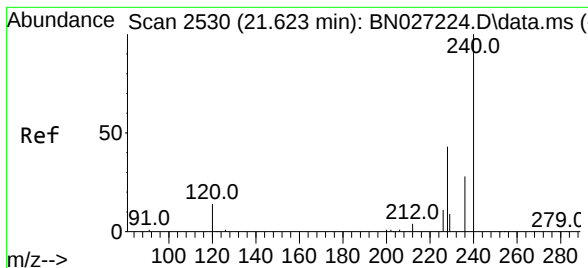
Tgt Ion:188 Resp: 17551
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 11.0 16.6#



#27
Fluoranthene-d10
Concen: 0.060 ng
RT: 19.458 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN027354.D
Acq: 01 Sep 2023 21:01

Tgt Ion:212 Resp: 2606
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 11.1 6.9 10.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027354.D

Acq: 01 Sep 2023 21:01

Instrument :

BNA_N

ClientSampleId :

OW-07B-67-082823-HDL

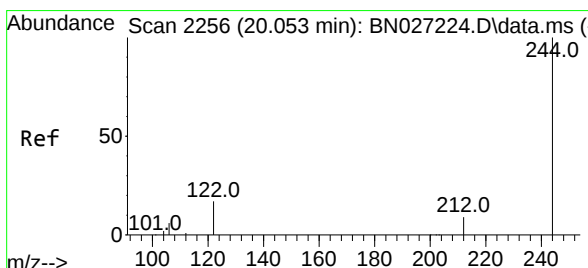
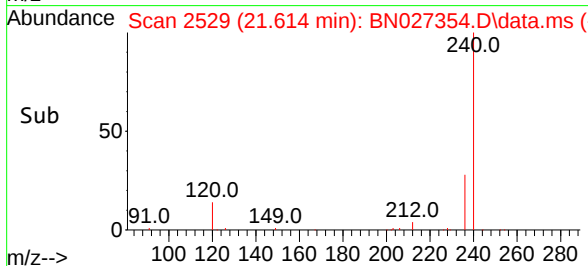
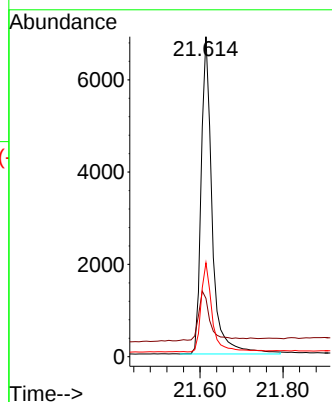
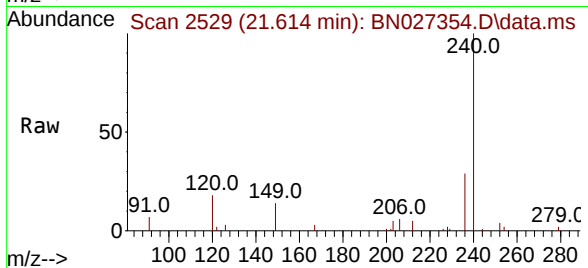
Tgt Ion:240 Resp: 12725

Ion Ratio Lower Upper

240 100

120 18.2 14.2 21.4

236 29.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.084 ng

RT: 20.043 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BN027354.D

Acq: 01 Sep 2023 21:01

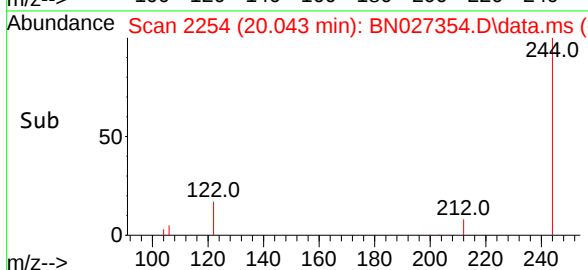
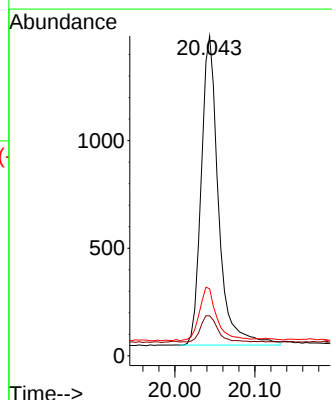
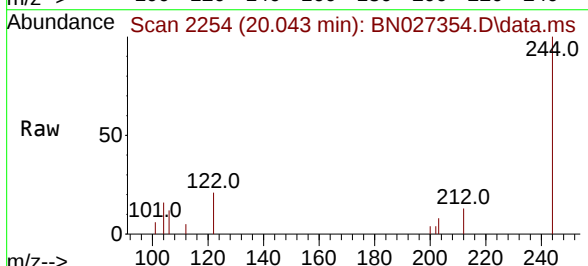
Tgt Ion:244 Resp: 2158

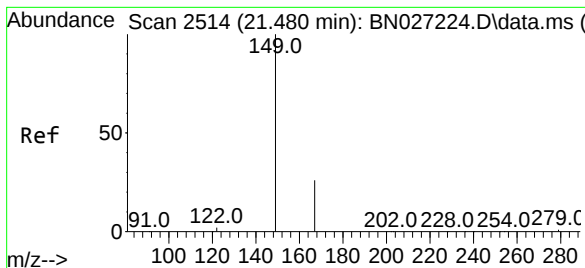
Ion Ratio Lower Upper

244 100

212 12.5 7.5 11.3#

122 21.0 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.020 ng

RT: 21.471 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027354.D

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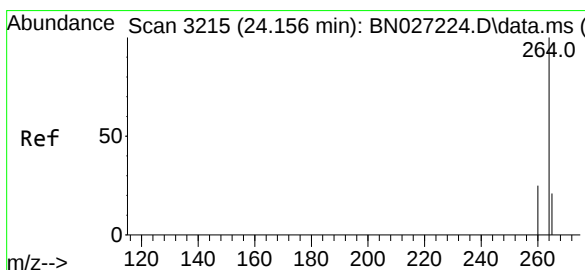
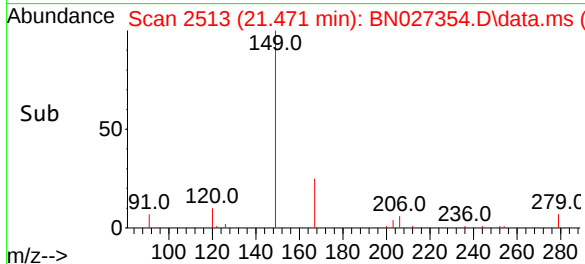
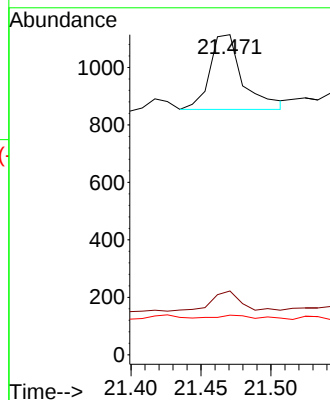
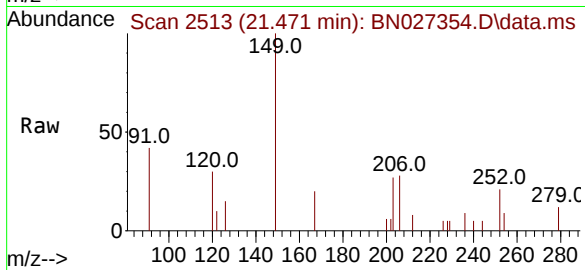
Tgt Ion:149 Resp: 428

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 7.5 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.142 min Scan# 3210

Delta R.T. 0.006 min

Lab File: BN027354.D

Acq: 01 Sep 2023 21:01

Tgt Ion:264 Resp: 10423

Ion Ratio Lower Upper

264 100

260 26.4 20.7 31.1

265 90.3 53.3 79.9#

