

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026939.D
 Acq On : 17 Aug 2023 13:08
 Operator : MA/JU
 Sample : 04024-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230815

Quant Time: Aug 18 03:11:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

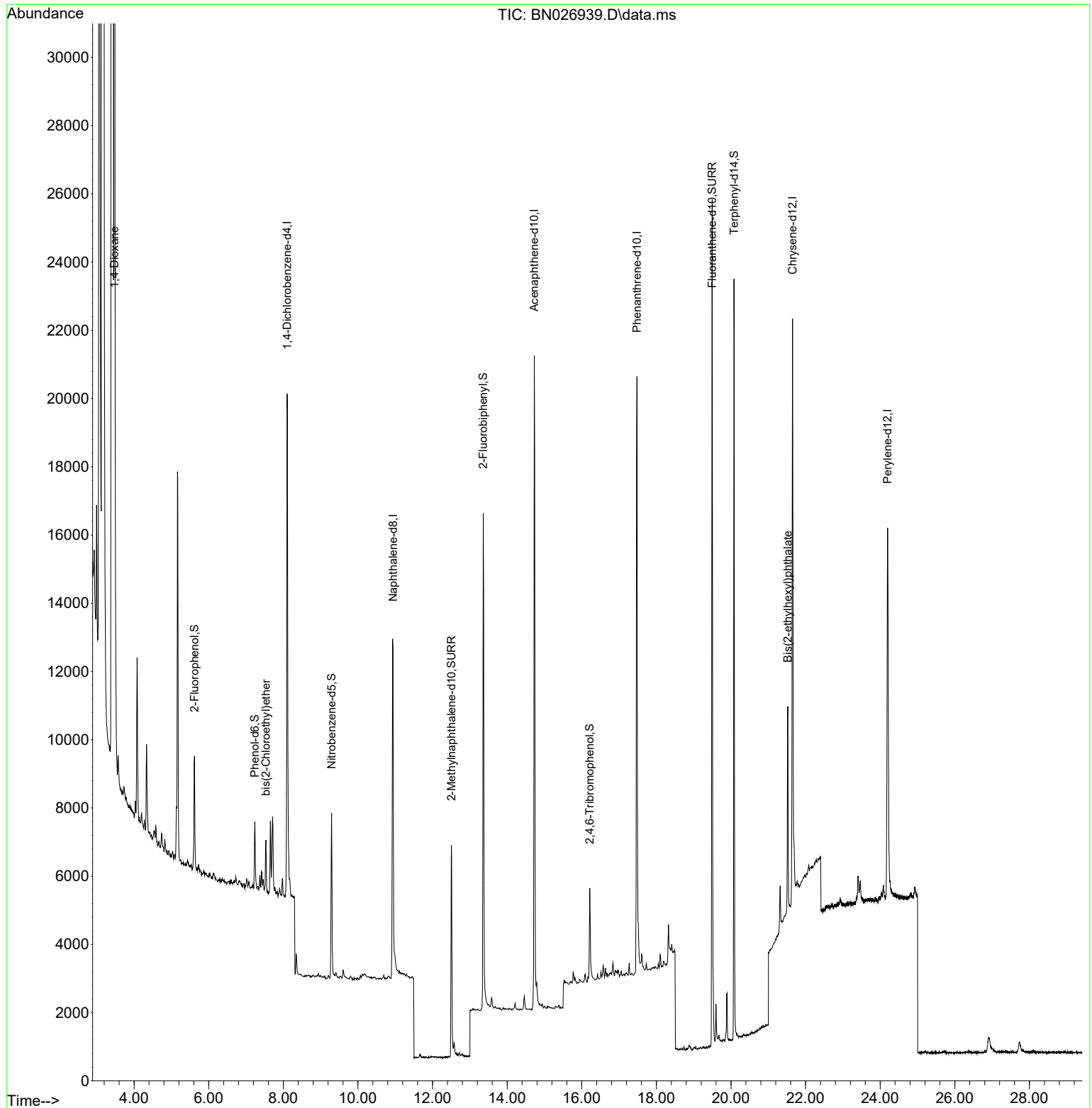
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	7126	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	17163	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	12498	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	28452	0.400	ng	0.00
29) Chrysene-d12	21.650	240	18553	0.400	ng	0.00
35) Perylene-d12	24.197	264	17907	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	2911	0.145	ng	0.00
5) Phenol-d6	7.236	99	2053	0.083	ng	0.00
8) Nitrobenzene-d5	9.294	82	4244	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	9414	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1759	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	14328	0.309	ng	0.00
27) Fluoranthene-d10	19.495	212	28367	0.389	ng	0.00
31) Terphenyl-d14	20.080	244	22520	0.581	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	34459	4.497	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.532	93	1180	0.057	ng	97
34) Bis(2-ethylhexyl)phtha...	21.524	149	6829	0.142	ng	98

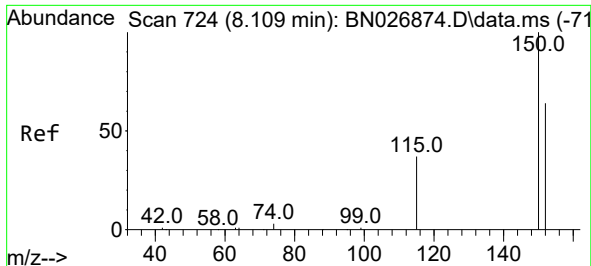
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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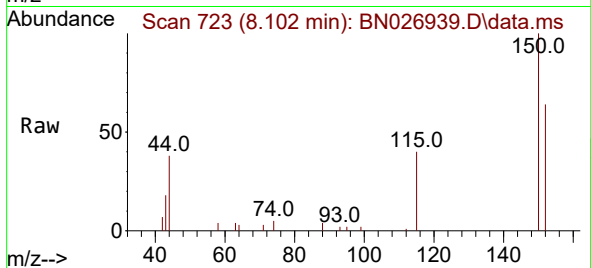
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration





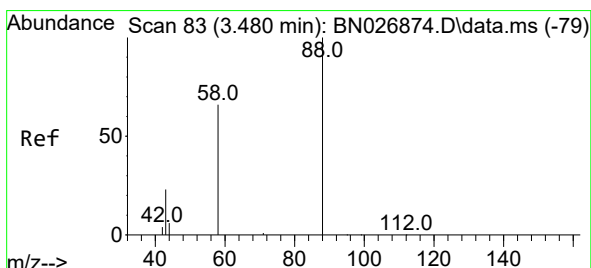
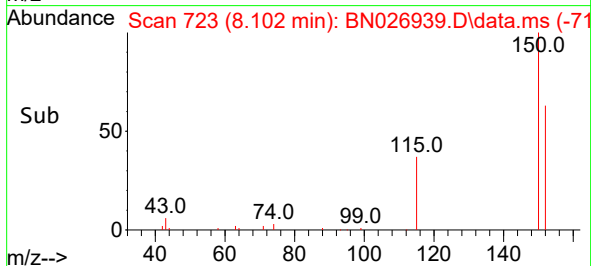
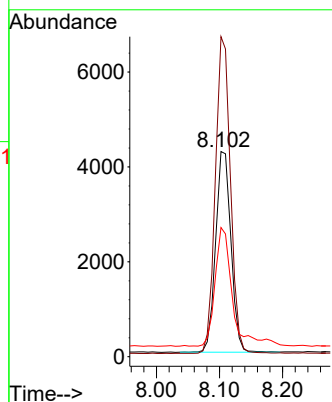
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.102 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN026939.D
 Acq: 17 Aug 2023 13:08

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20230815



Tgt Ion:152 Resp: 7126

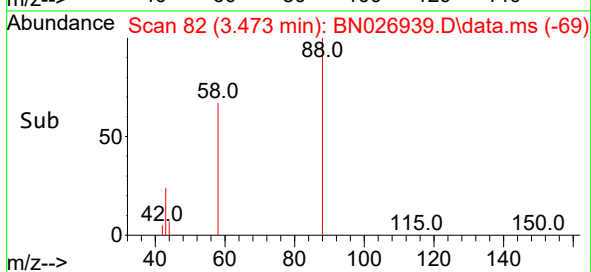
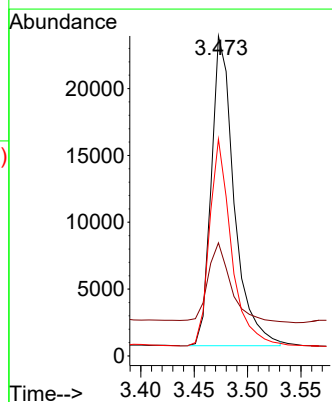
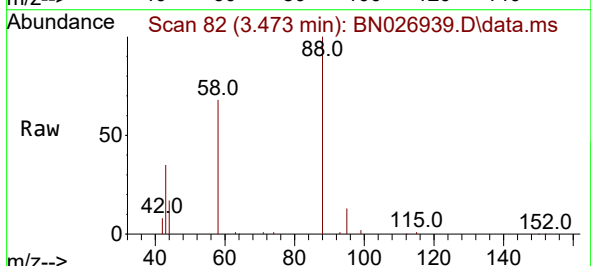
Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.6
115	62.9	49.7	74.5

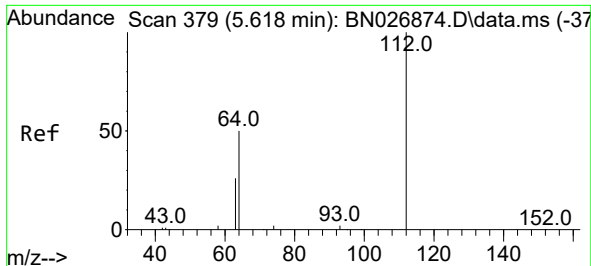


#2
 1,4-Dioxane
 Concen: 4.497 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.007 min
 Lab File: BN026939.D
 Acq: 17 Aug 2023 13:08

Tgt Ion: 88 Resp: 34459

Ion	Ratio	Lower	Upper
88	100		
43	25.1	19.2	28.8
58	64.1	54.5	81.7

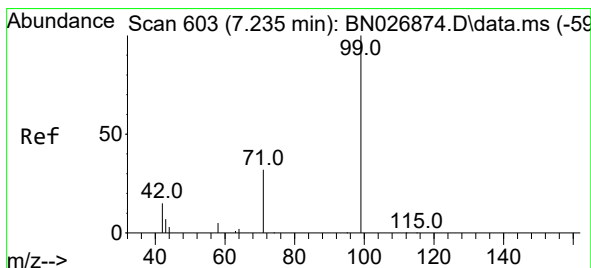
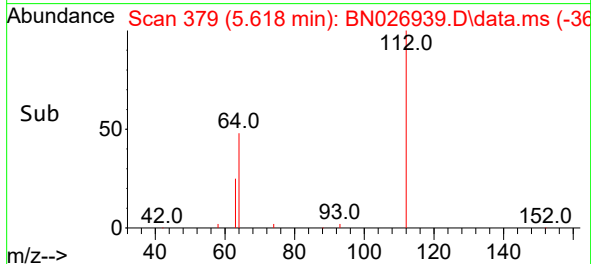
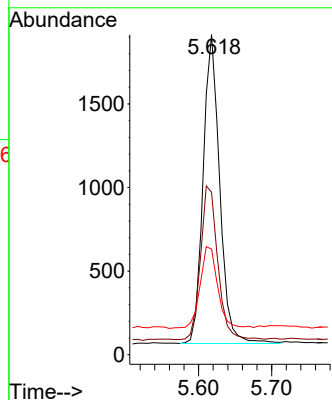
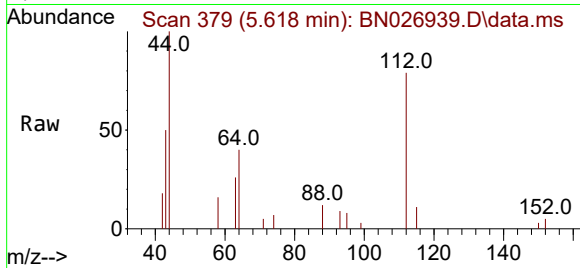




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

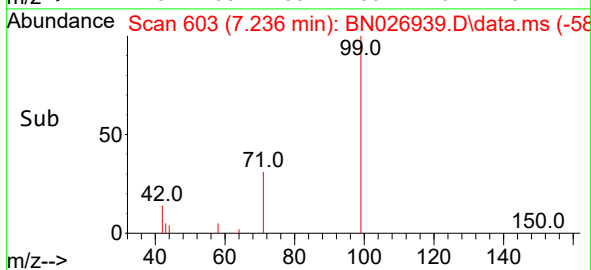
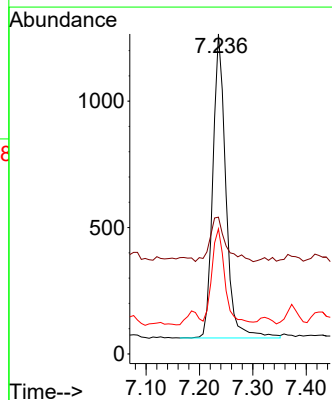
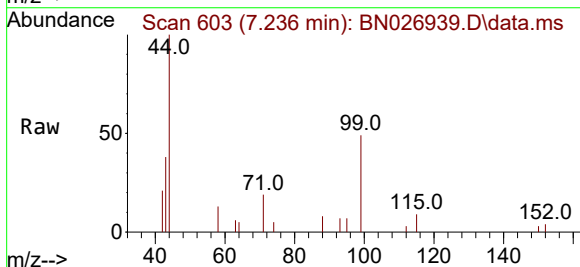
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815

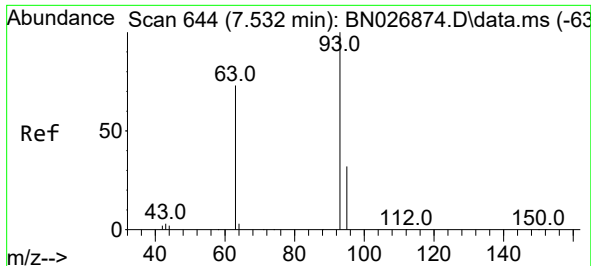
Tgt Ion:112 Resp: 2911
Ion Ratio Lower Upper
112 100
64 51.6 41.5 62.3
63 28.1 21.7 32.5



#5
Phenol-d6
Concen: 0.083 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Tgt Ion: 99 Resp: 2053
Ion Ratio Lower Upper
99 100
42 17.5 13.6 20.4
71 31.4 26.0 39.0

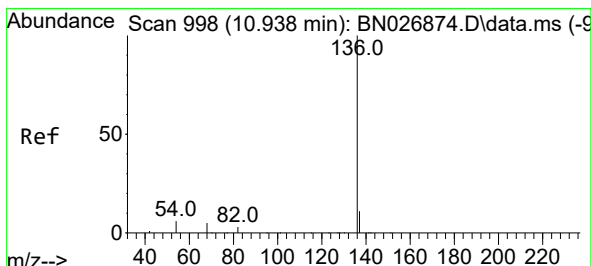
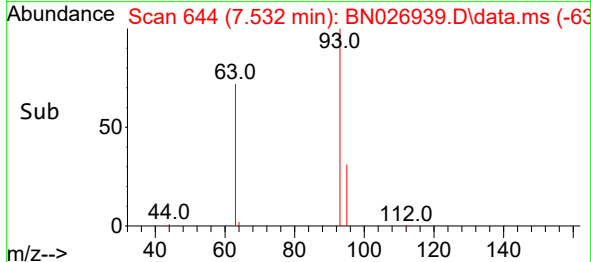
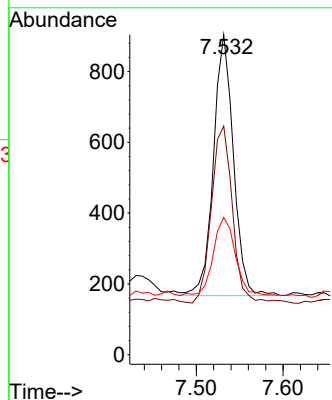
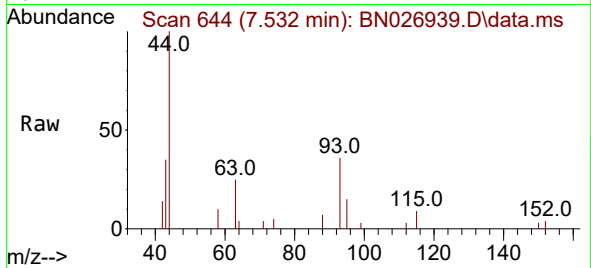




#6
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

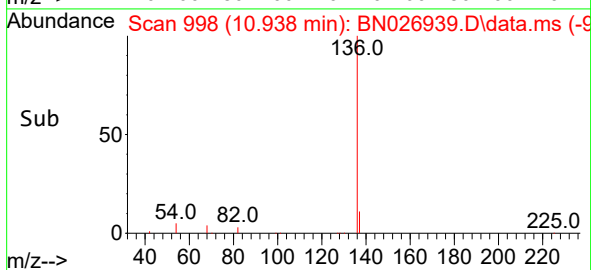
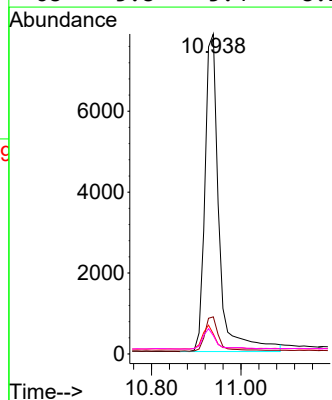
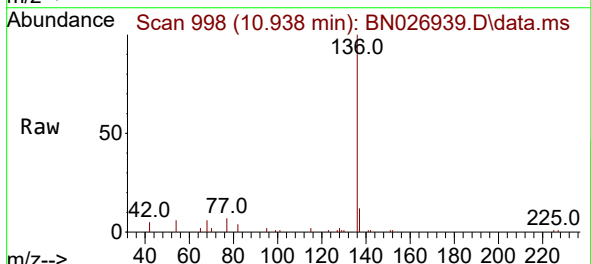
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815

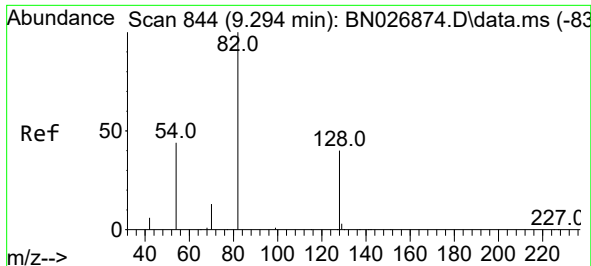
Tgt Ion: 93 Resp: 1180
Ion Ratio Lower Upper
93 100
63 72.2 55.0 82.4
95 33.6 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Tgt Ion: 136 Resp: 17163
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 6.2 5.5 8.3
68 5.8 5.4 8.2

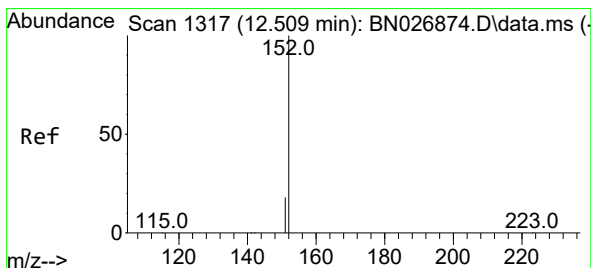
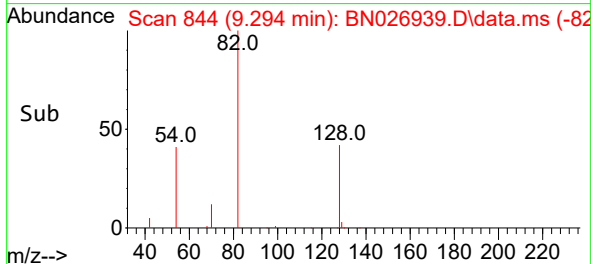
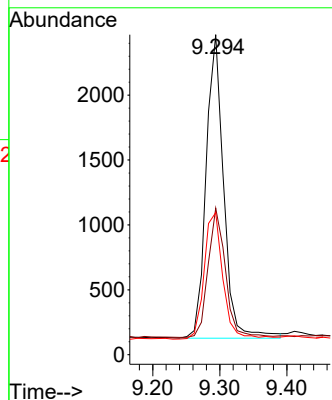
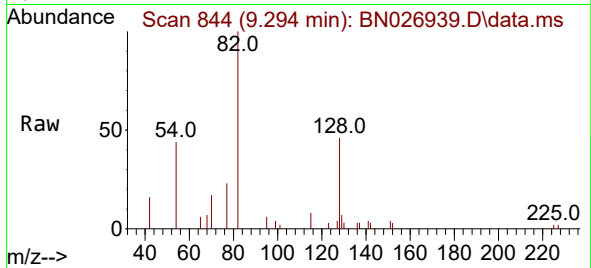




#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

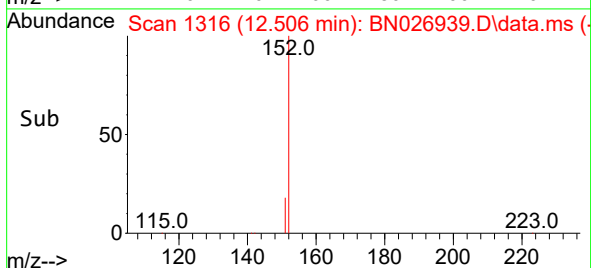
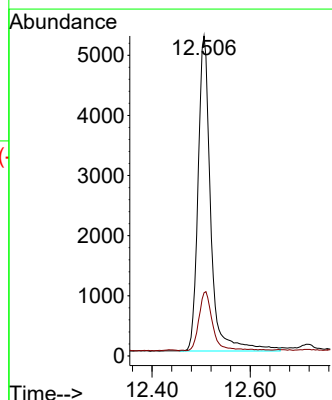
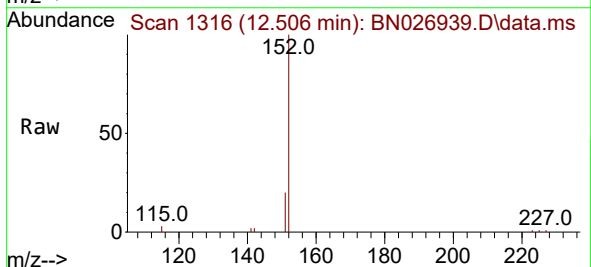
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815

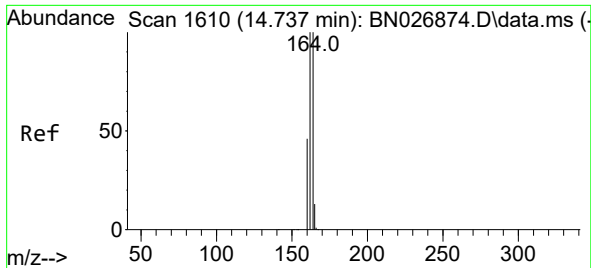
Tgt Ion: 82 Resp: 4244
Ion Ratio Lower Upper
82 100
128 45.8 34.1 51.1
54 44.4 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Tgt Ion: 152 Resp: 9414
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5

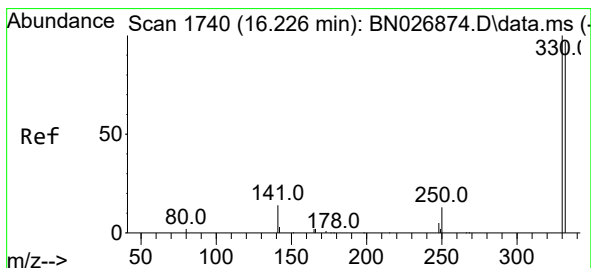
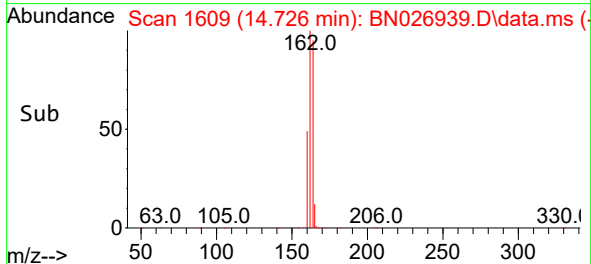
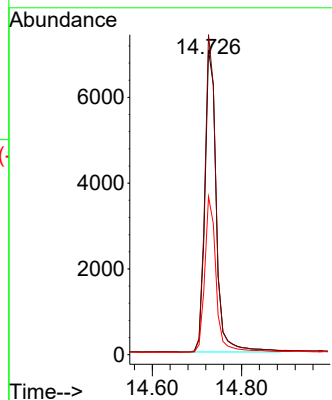
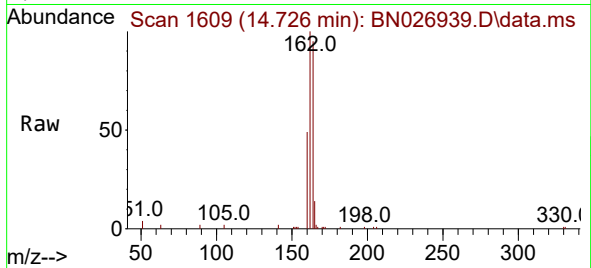




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

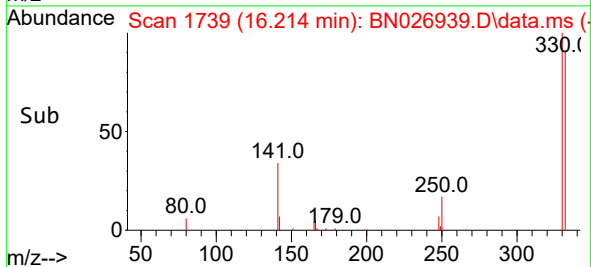
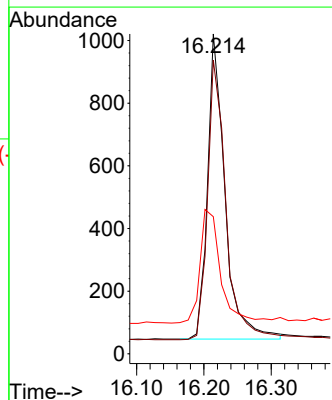
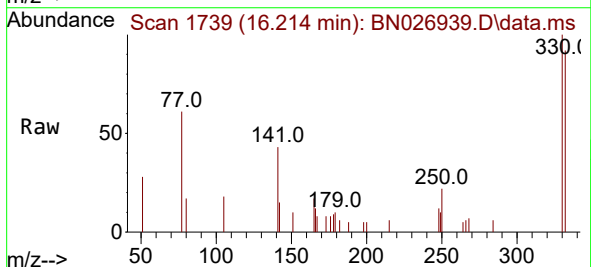
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ClientSampleId :
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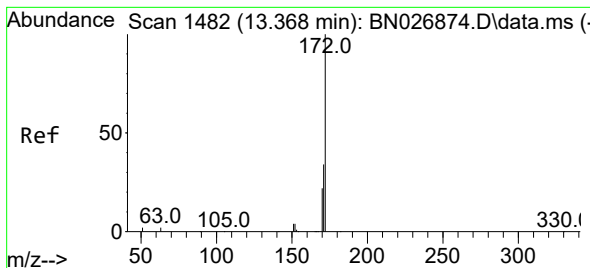
Tgt Ion:164 Resp: 12498
Ion Ratio Lower Upper
164 100
162 105.0 79.7 119.5
160 51.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Tgt Ion:330 Resp: 1759
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 44.2 32.3 48.5





#15

2-Fluorobiphenyl

Concen: 0.309 ng

RT: 13.358 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BN026939.D

Acq: 17 Aug 2023 13:08

Instrument :

BNA_N

ClientSampleId :

RE115D1-20230815

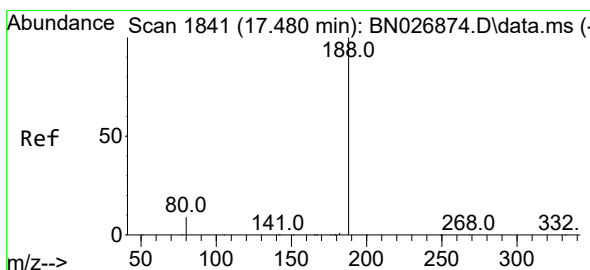
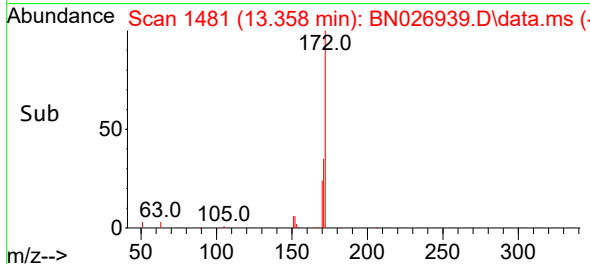
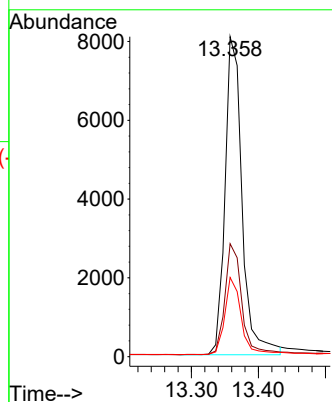
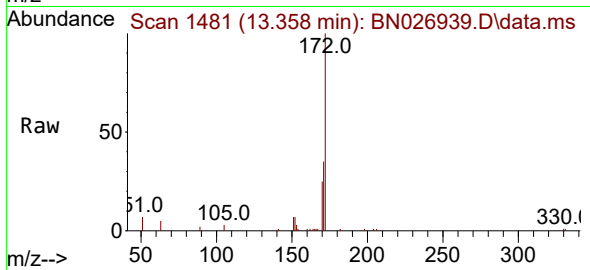
Tgt Ion:172 Resp: 14328

Ion Ratio Lower Upper

172 100

171 35.3 27.4 41.0

170 24.7 18.0 27.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BN026939.D

Acq: 17 Aug 2023 13:08

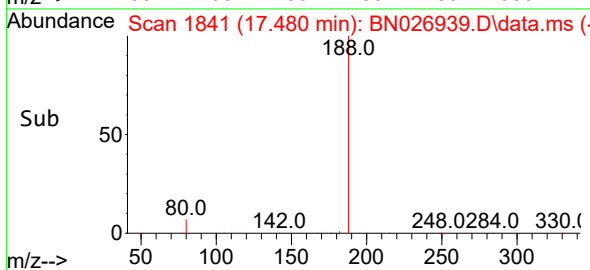
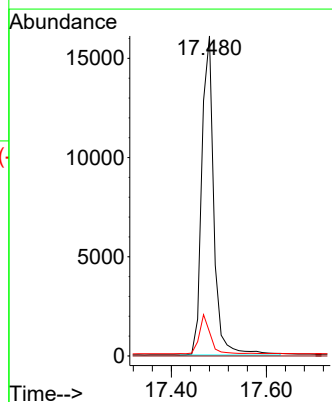
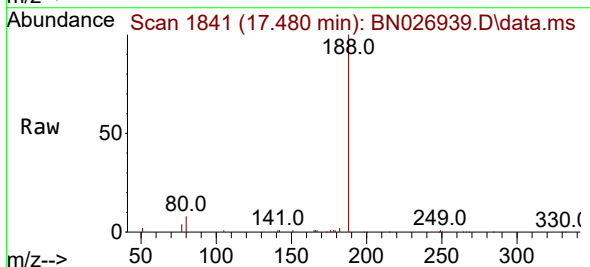
Tgt Ion:188 Resp: 28452

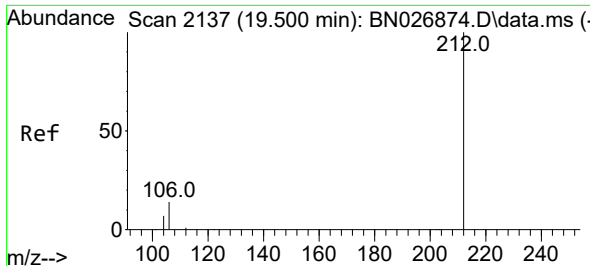
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

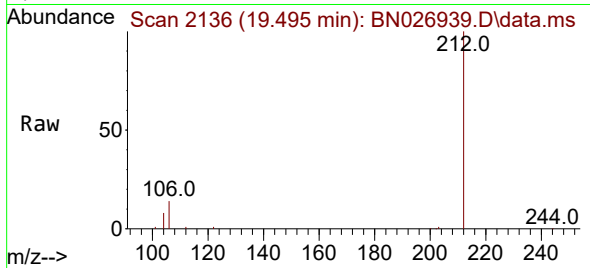
80 7.5 7.4 11.2



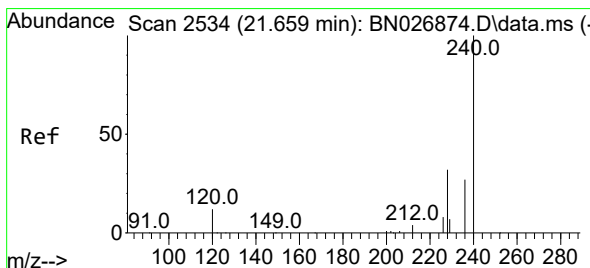
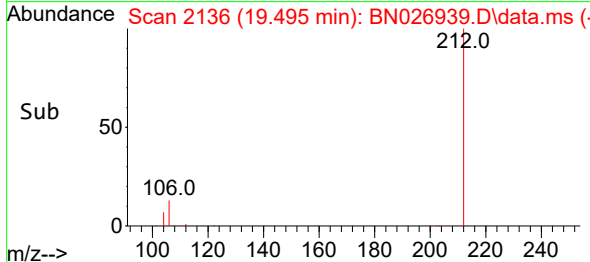
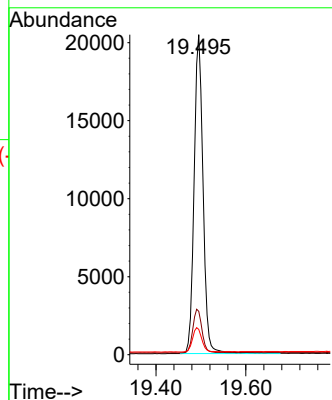


#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815

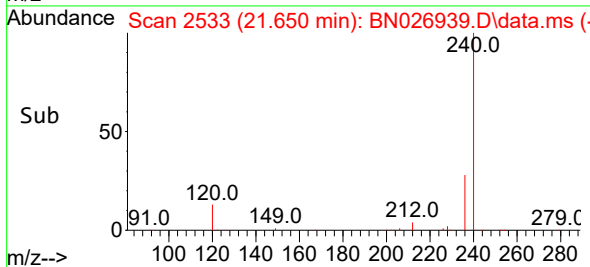
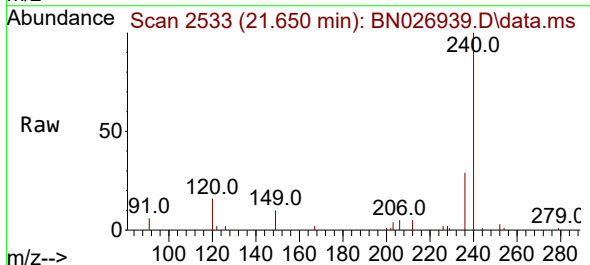
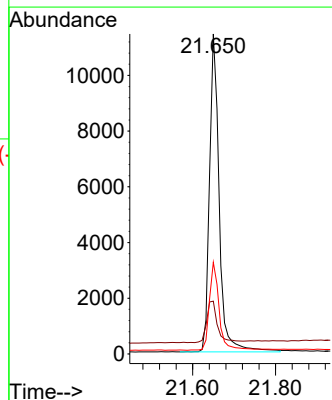


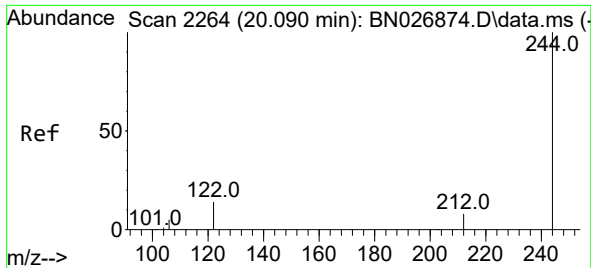
Tgt Ion:212 Resp: 28367
Ion Ratio Lower Upper
212 100
106 14.0 10.9 16.3
104 7.8 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Tgt Ion:240 Resp: 18553
Ion Ratio Lower Upper
240 100
120 16.5 11.1 16.7
236 28.7 22.2 33.2

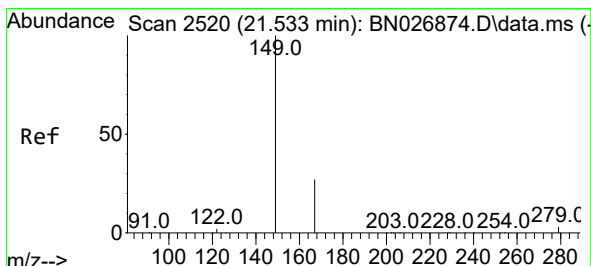
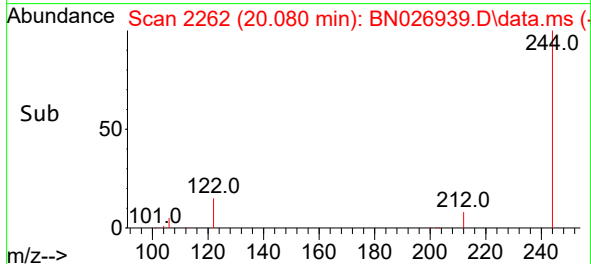
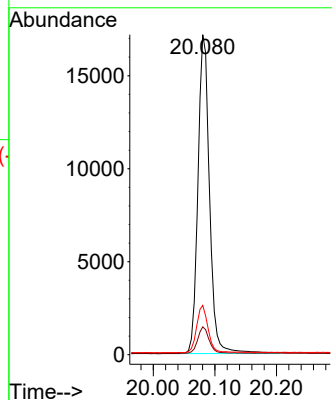
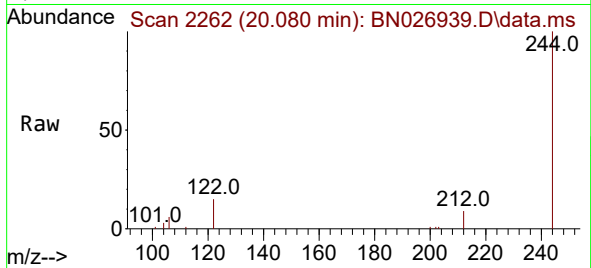




#31
Terphenyl-d14
Concen: 0.581 ng
RT: 20.080 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

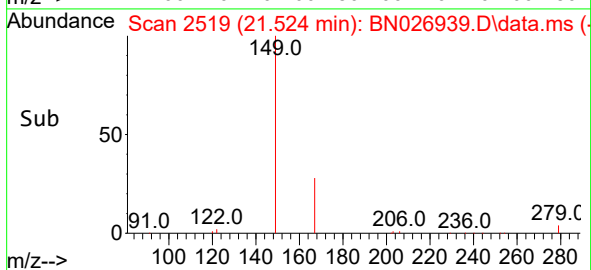
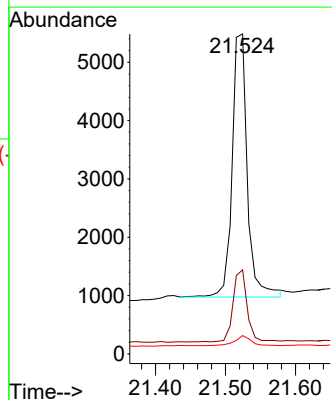
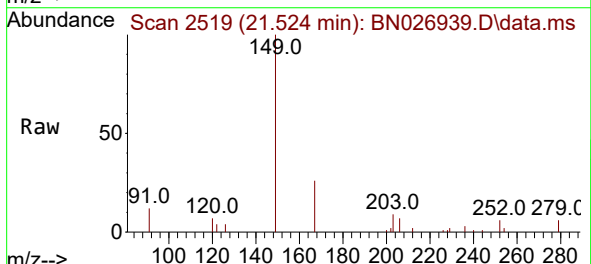
Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815

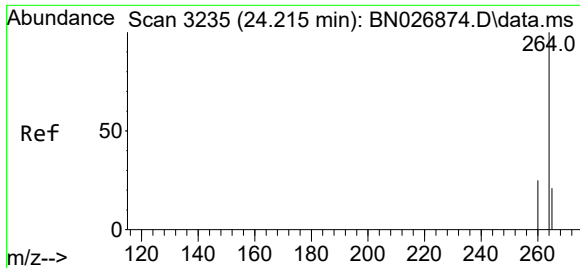
Tgt Ion:244 Resp: 22520
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 15.4 11.9 17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

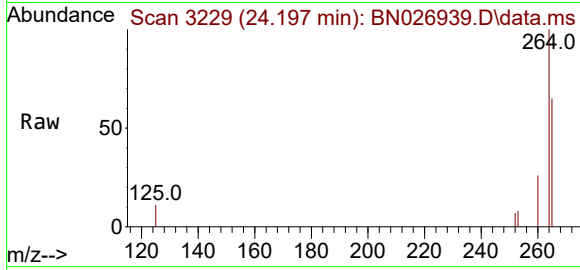
Tgt Ion:149 Resp: 6829
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.0
279 4.1 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.197 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN026939.D
Acq: 17 Aug 2023 13:08

Instrument :
BNA_N
ClientSampleId :
RE115D1-20230815



Tgt Ion:264 Resp: 17907
Ion Ratio Lower Upper
264 100
260 25.9 20.4 30.6
265 64.7 27.0 40.6#

