

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027130.D
 Acq On : 25 Aug 2023 22:07
 Operator : MA/JU
 Sample : 04024-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230815

Quant Time: Aug 26 02:18:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

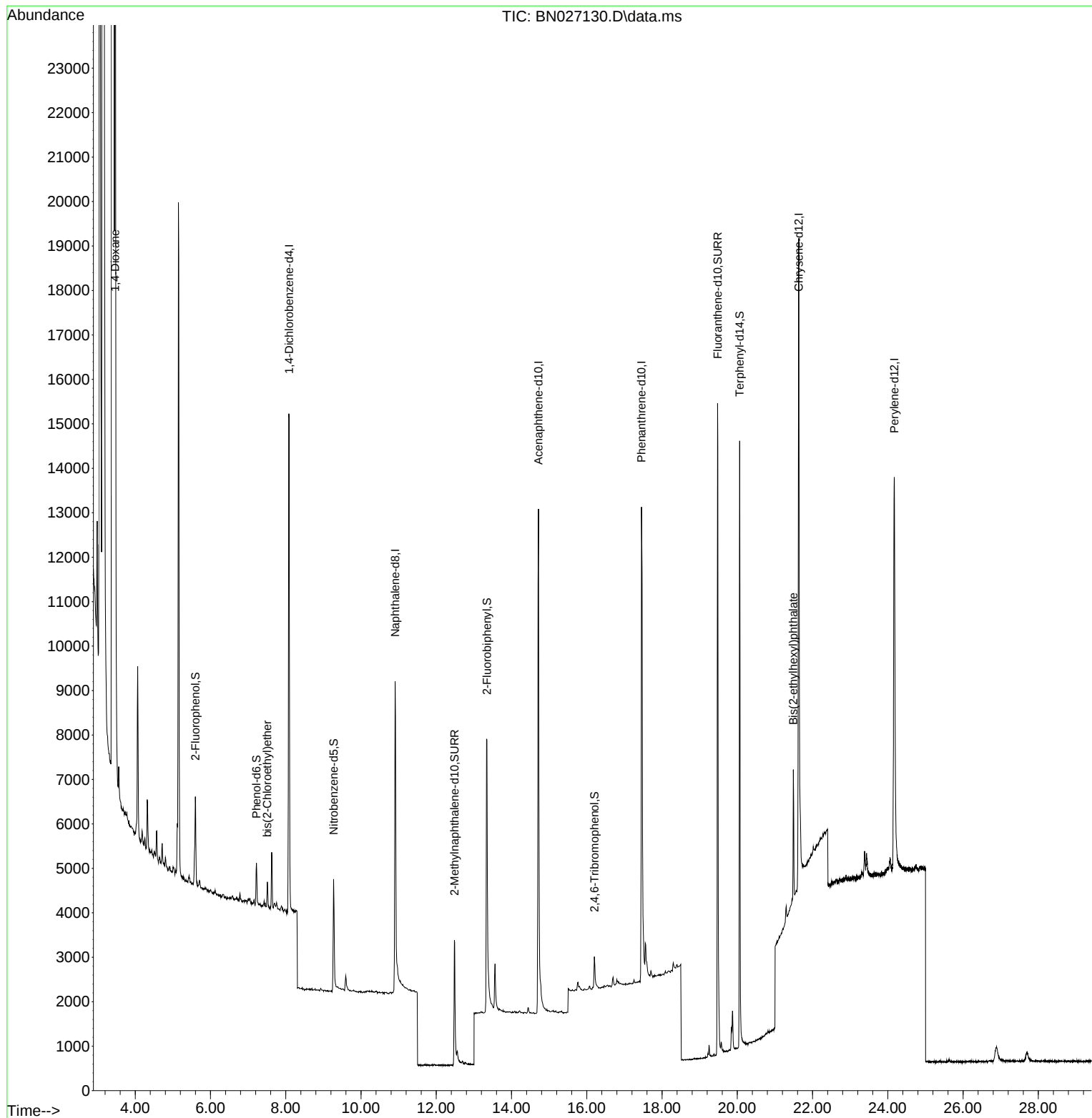
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	5687	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	12340	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	8413	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	19973	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	16572	0.400	ng	0.00
35) Perylene-d12	24.171	264	16218	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1660	0.104	ng	0.00
5) Phenol-d6	7.221	99	1037	0.052	ng	0.00
8) Nitrobenzene-d5	9.272	82	2397	0.230	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	5126	0.261	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	536	0.120	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	8096	0.259	ng	0.01
27) Fluoranthene-d10	19.476	212	17894	0.349	ng	0.00
31) Terphenyl-d14	20.062	244	14623	0.422	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	27563	4.507	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.510	93	409	0.025	ng	88
34) Bis(2-ethylhexyl)phtha...	21.488	149	3042	0.071	ng	# 97

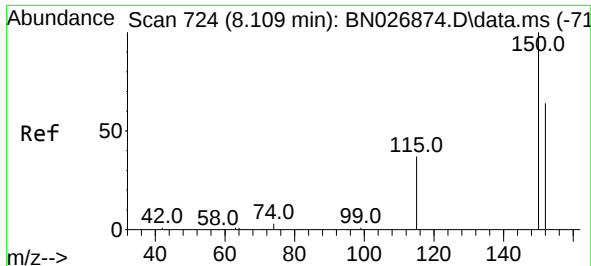
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

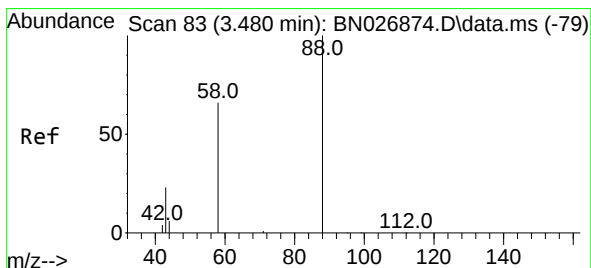
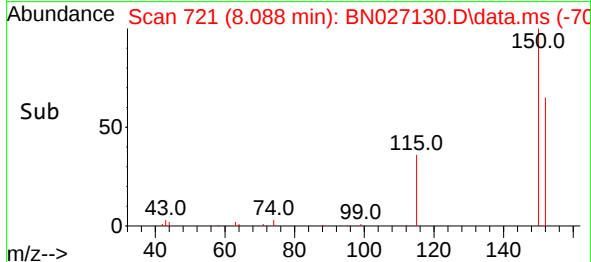
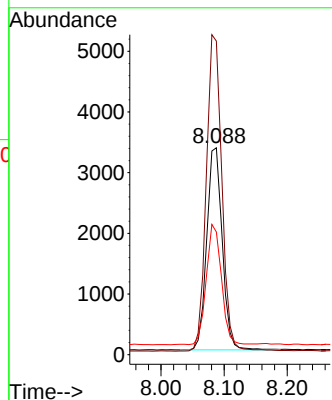
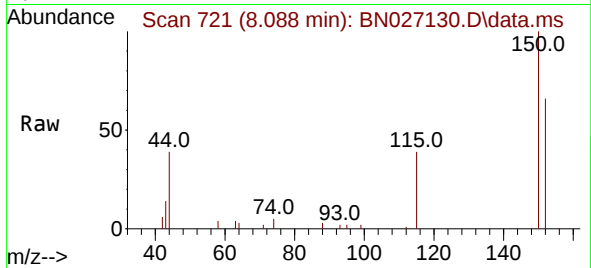




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

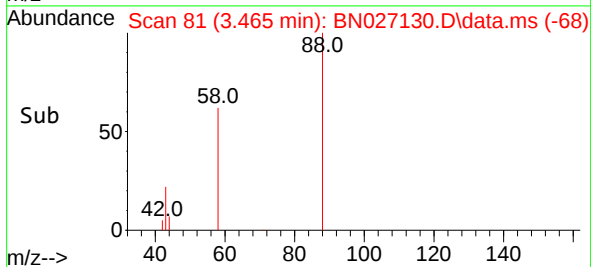
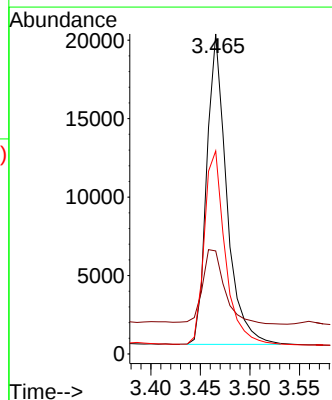
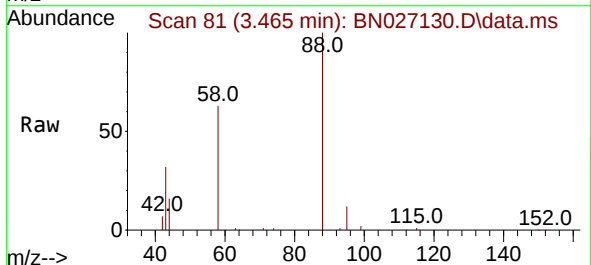
Instrument :
BNA_N
ClientSampleId :
RE137-20230815

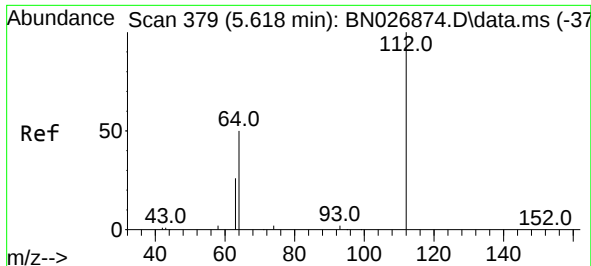
Tgt Ion:152 Resp: 5687
Ion Ratio Lower Upper
152 100
150 151.5 123.8 185.6
115 59.3 49.7 74.5



#2
1,4-Dioxane
Concen: 4.507 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.007 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

Tgt Ion: 88 Resp: 27563
Ion Ratio Lower Upper
88 100
43 26.9 19.2 28.8
58 65.1 54.5 81.7





#4

2-Fluorophenol

Concen: 0.104 ng

RT: 5.603 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027130.D

Acq: 25 Aug 2023 22:07

Instrument :

BNA_N

ClientSampleId :

RE137-20230815

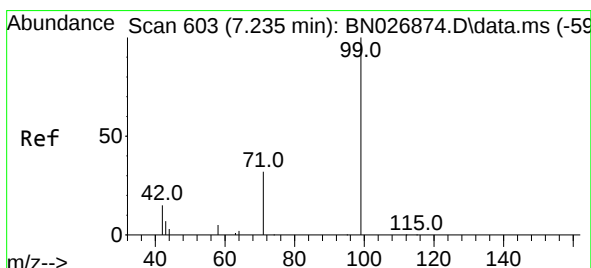
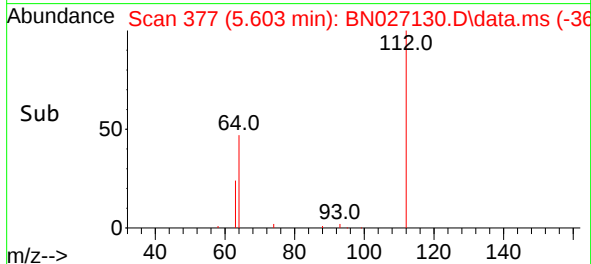
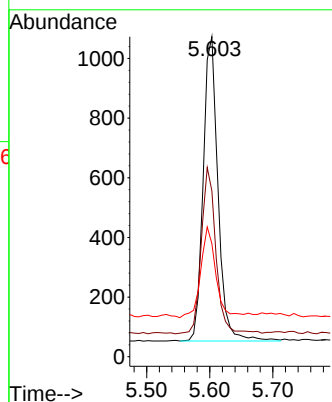
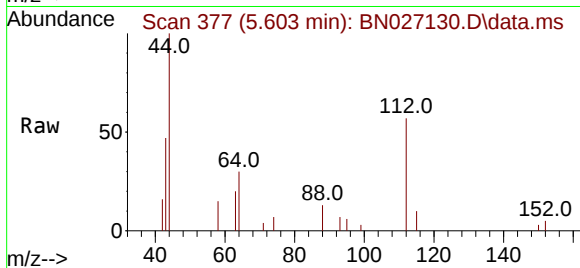
Tgt Ion:112 Resp: 1660

Ion Ratio Lower Upper

112 100

64 53.9 41.5 62.3

63 30.4 21.7 32.5



#5

Phenol-d6

Concen: 0.052 ng

RT: 7.221 min Scan# 601

Delta R.T. 0.000 min

Lab File: BN027130.D

Acq: 25 Aug 2023 22:07

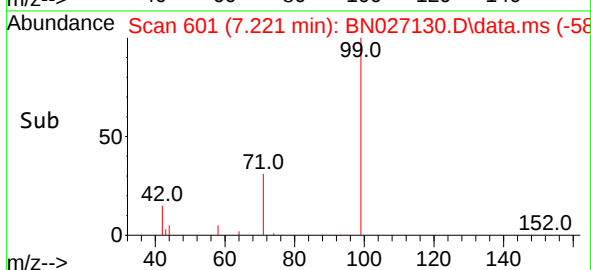
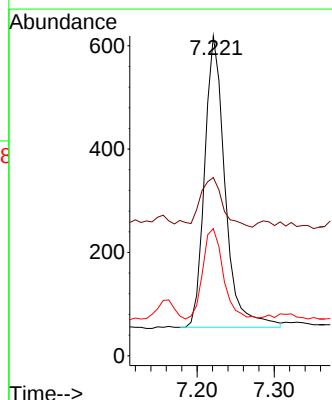
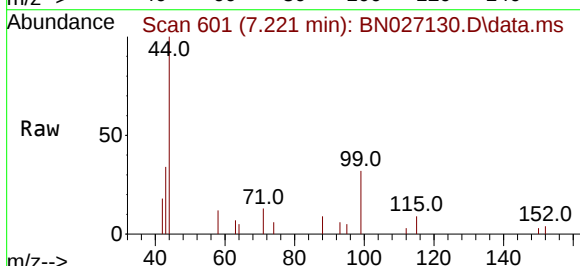
Tgt Ion: 99 Resp: 1037

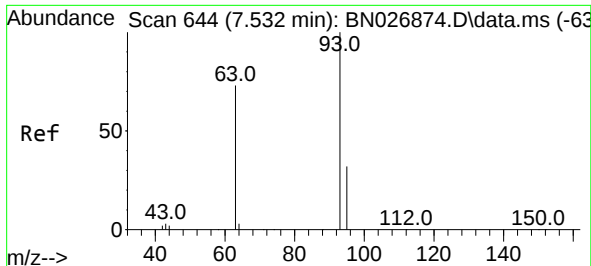
Ion Ratio Lower Upper

99 100

42 18.2 13.6 20.4

71 31.1 26.0 39.0

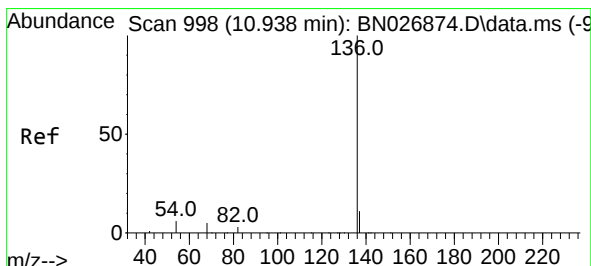
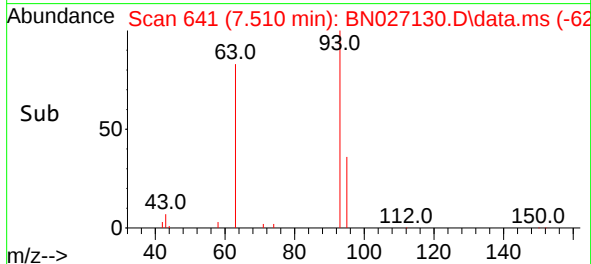
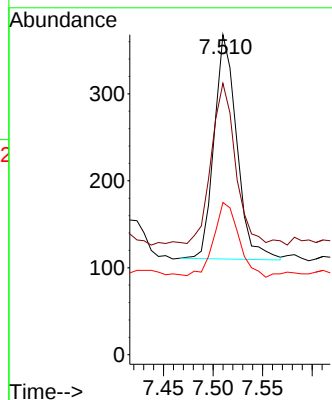
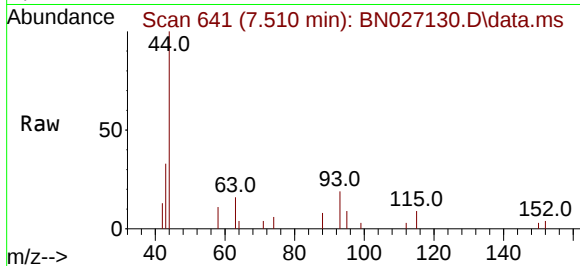




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.510 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

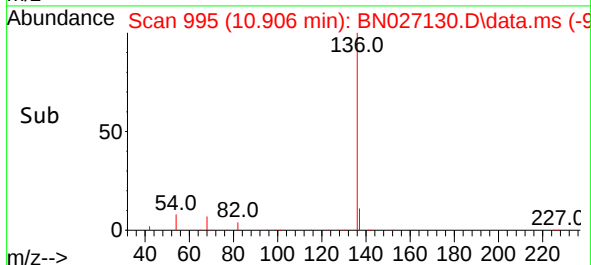
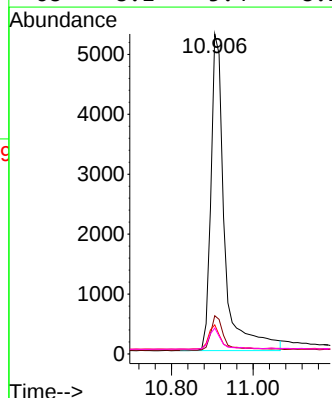
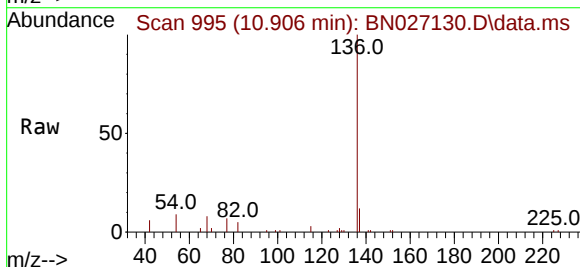
Instrument :
BNA_N
ClientSampleId :
RE137-20230815

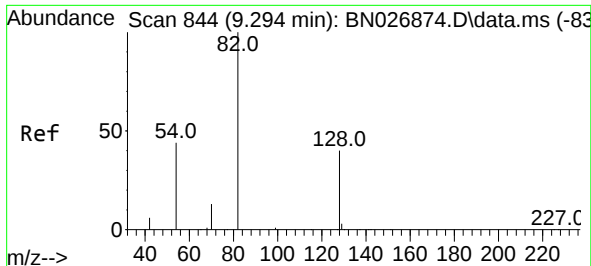
Tgt Ion: 93 Resp: 409
Ion Ratio Lower Upper
93 100
63 80.0 55.0 82.4
95 37.2 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

Tgt Ion: 136 Resp: 12340
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 9.1 5.5 8.3#
68 8.1 5.4 8.2

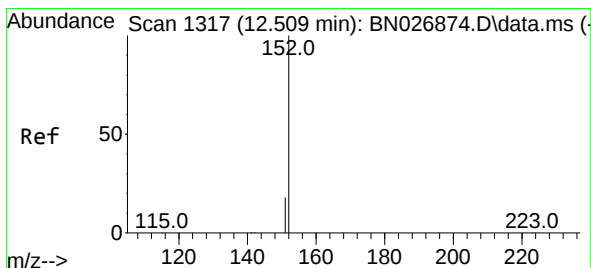
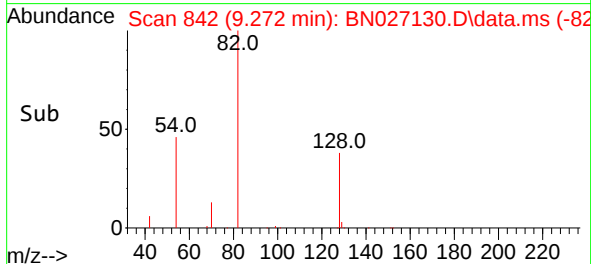
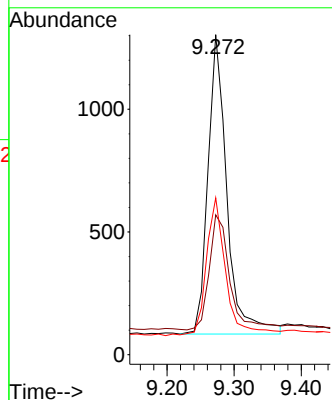
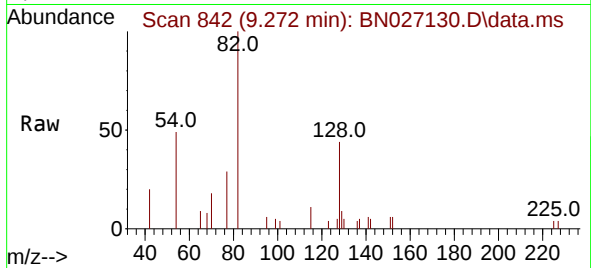




#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 9.272 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

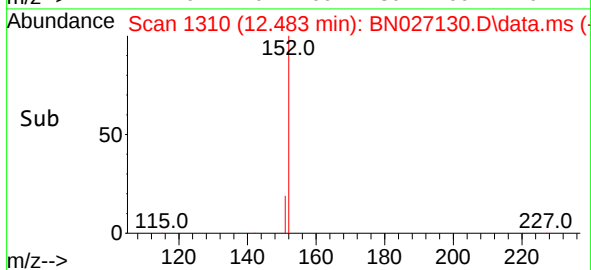
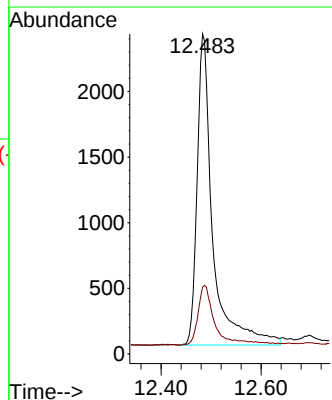
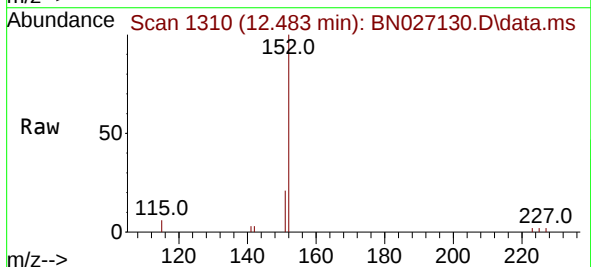
Instrument :
BNA_N
ClientSampleId :
RE137-20230815

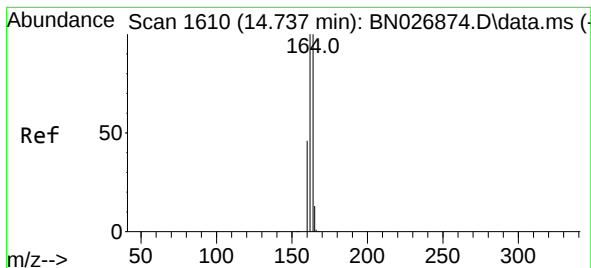
Tgt Ion: 82 Resp: 2397
Ion Ratio Lower Upper
82 100
128 43.7 34.1 51.1
54 49.0 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.483 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

Tgt Ion: 152 Resp: 5126
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.715 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN027130.D

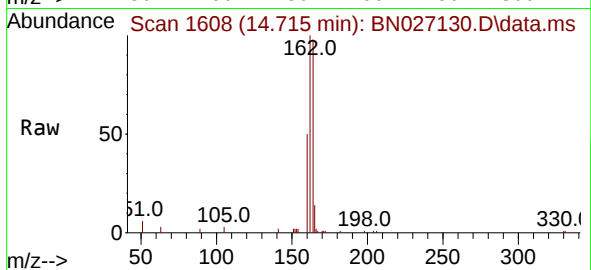
Acq: 25 Aug 2023 22:07

Instrument :

BNA_N

ClientSampleId :

RE137-20230815



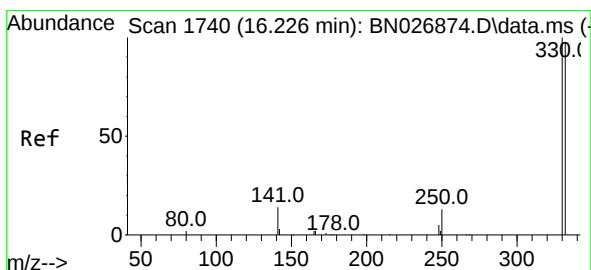
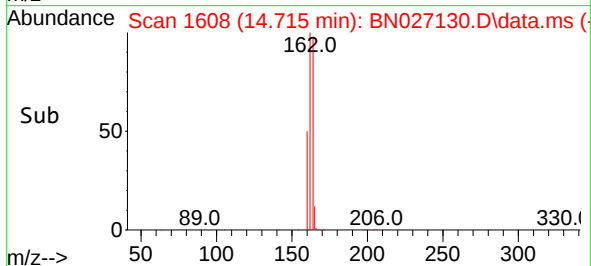
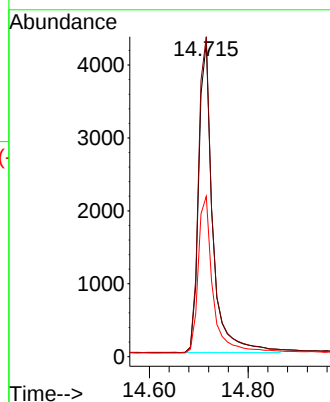
Tgt Ion:164 Resp: 8413

Ion Ratio Lower Upper

164 100

162 101.8 79.7 119.5

160 51.0 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.120 ng

RT: 16.201 min Scan# 1738

Delta R.T. -0.000 min

Lab File: BN027130.D

Acq: 25 Aug 2023 22:07

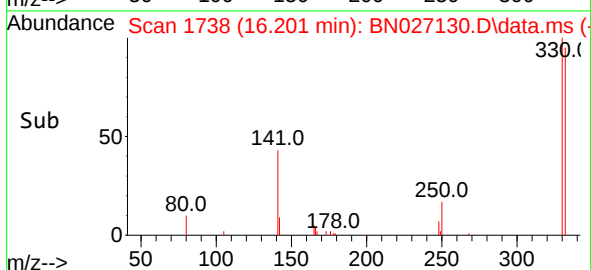
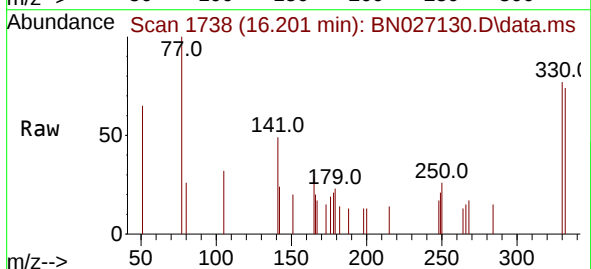
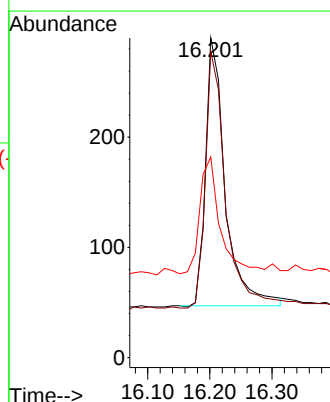
Tgt Ion:330 Resp: 536

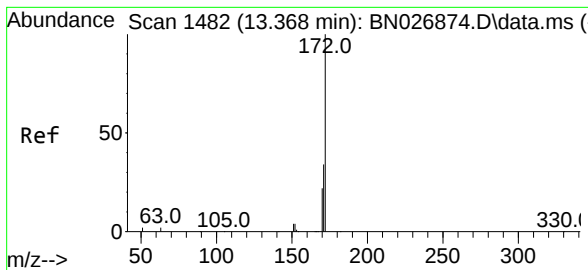
Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

141 45.0 32.3 48.5

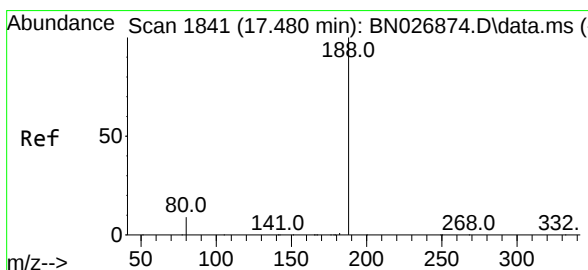
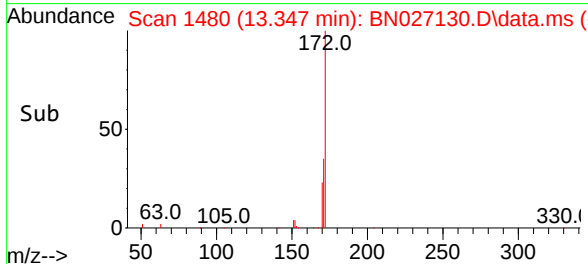
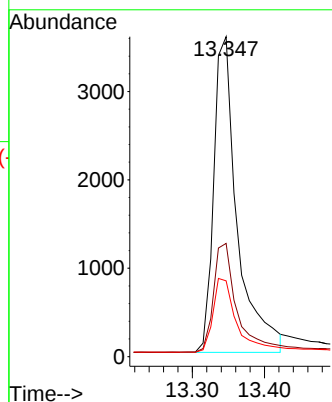
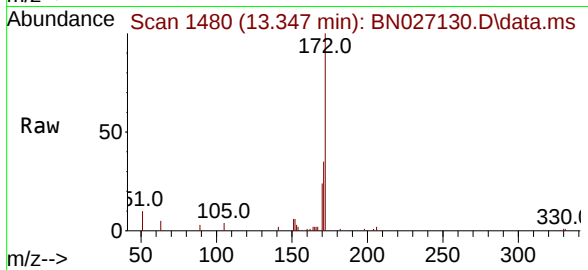




#15
 2-Fluorobiphenyl
 Concen: 0.259 ng
 RT: 13.347 min Scan# 1482
 Delta R.T. 0.011 min
 Lab File: BN027130.D
 Acq: 25 Aug 2023 22:07

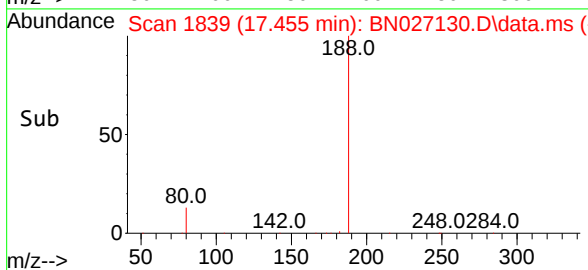
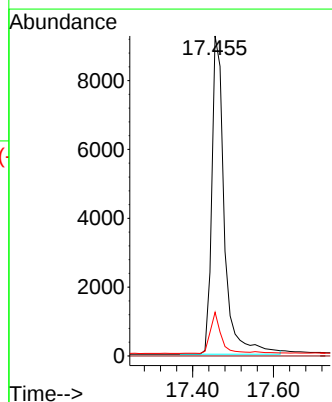
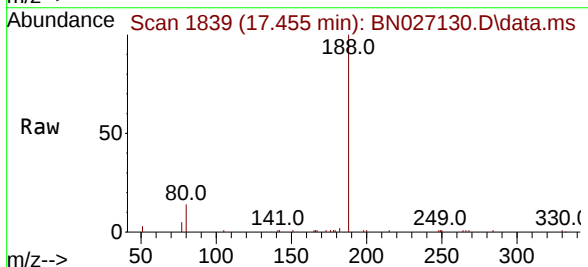
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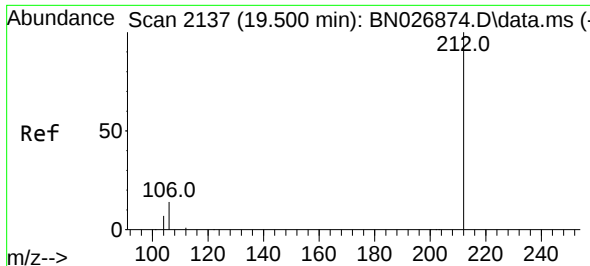
Tgt Ion:	172	Resp:	8096
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.4	41.0
170	23.7	18.0	27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.455 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BN027130.D
 Acq: 25 Aug 2023 22:07

Tgt Ion:	188	Resp:	19973
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.6	7.4	11.2

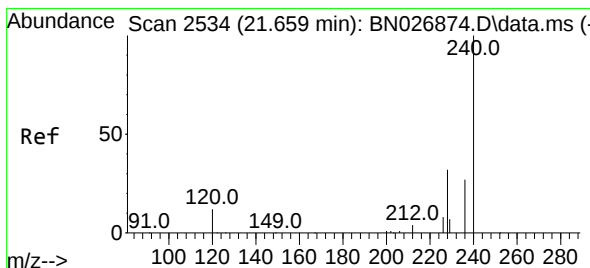
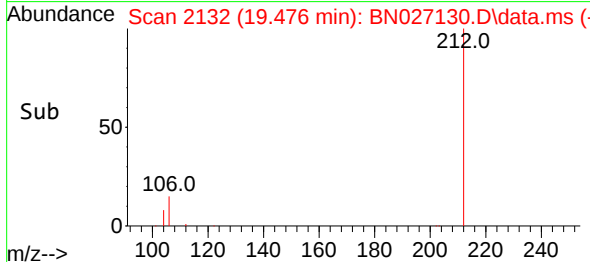
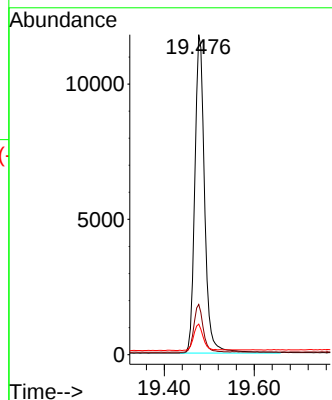
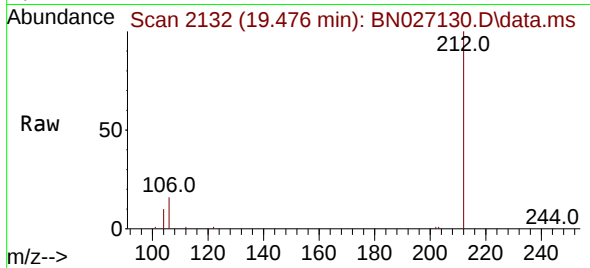




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.476 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

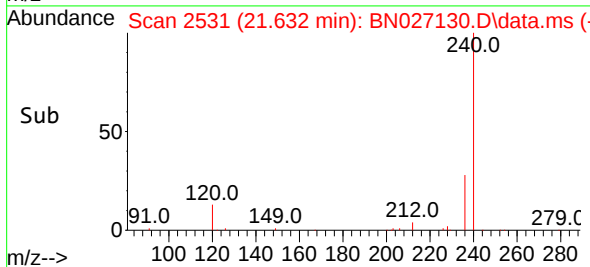
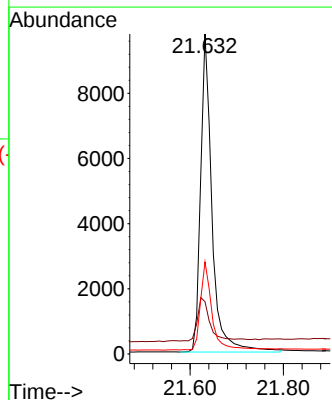
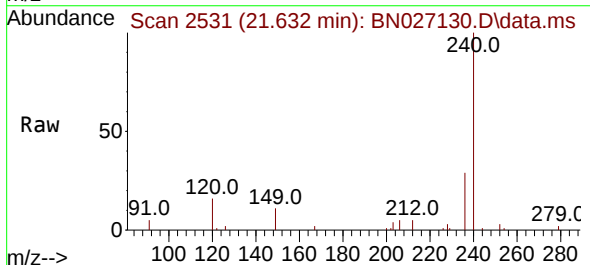
Instrument :
BNA_N
ClientSampleId :
RE137-20230815

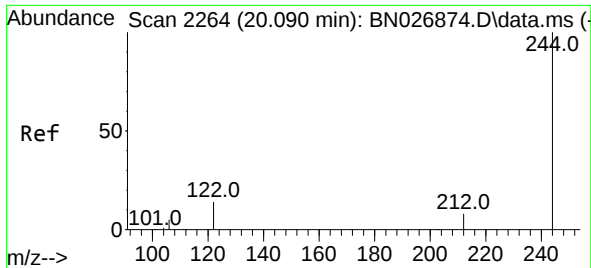
Tgt Ion:212 Resp: 17894
Ion Ratio Lower Upper
212 100
106 14.5 10.9 16.3
104 8.3 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BN027130.D
Acq: 25 Aug 2023 22:07

Tgt Ion:240 Resp: 16572
Ion Ratio Lower Upper
240 100
120 16.3 11.1 16.7
236 28.8 22.2 33.2

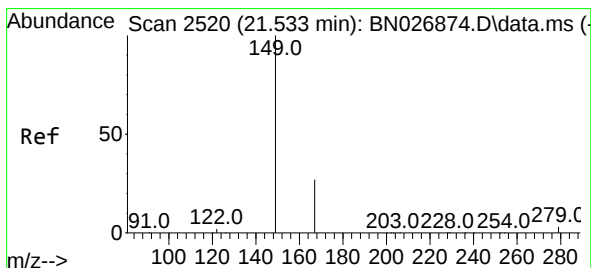
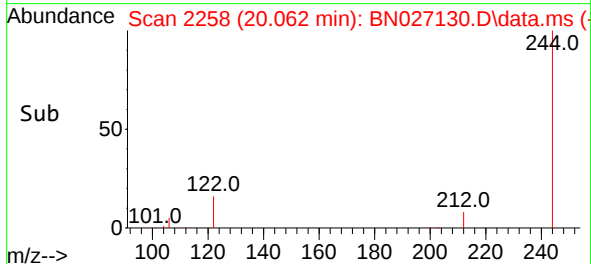
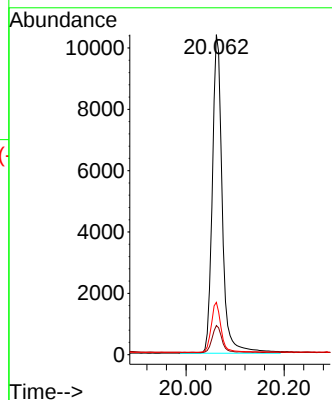
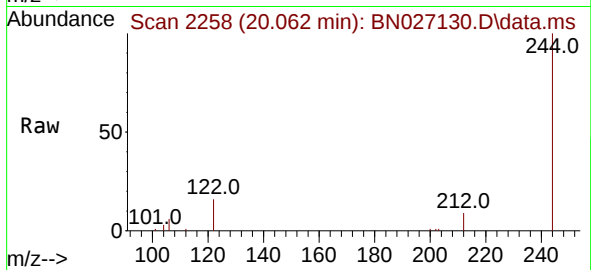




#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027130.D
 Acq: 25 Aug 2023 22:07

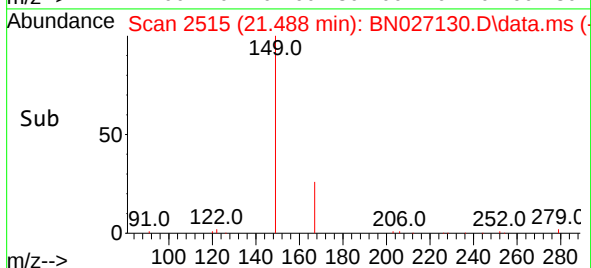
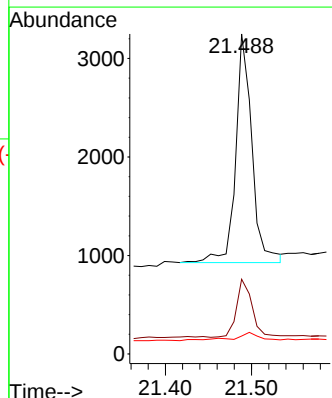
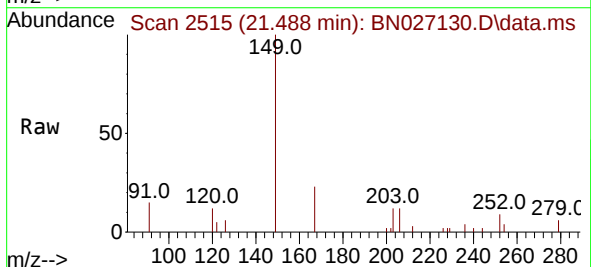
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230815

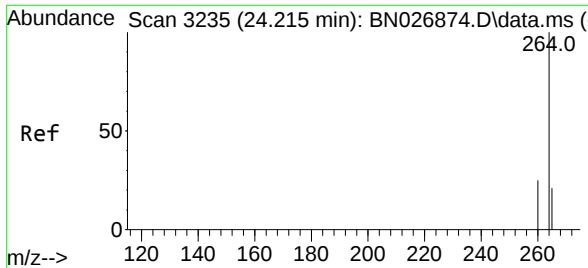
Tgt Ion:244 Resp: 14623
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 16.3 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.488 min Scan# 2515
 Delta R.T. -0.009 min
 Lab File: BN027130.D
 Acq: 25 Aug 2023 22:07

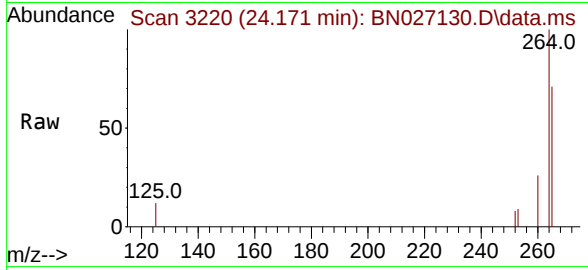
Tgt Ion:149 Resp: 3042
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 5.8 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.171 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027130.D
 Acq: 25 Aug 2023 22:07

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230815



Tgt Ion:264 Resp: 16218

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	71.0	27.0	40.6

