

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025527.D
 Acq On : 20 May 2023 16:30
 Operator : CG/JU
 Sample : 02834-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230516

Quant Time: May 22 02:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

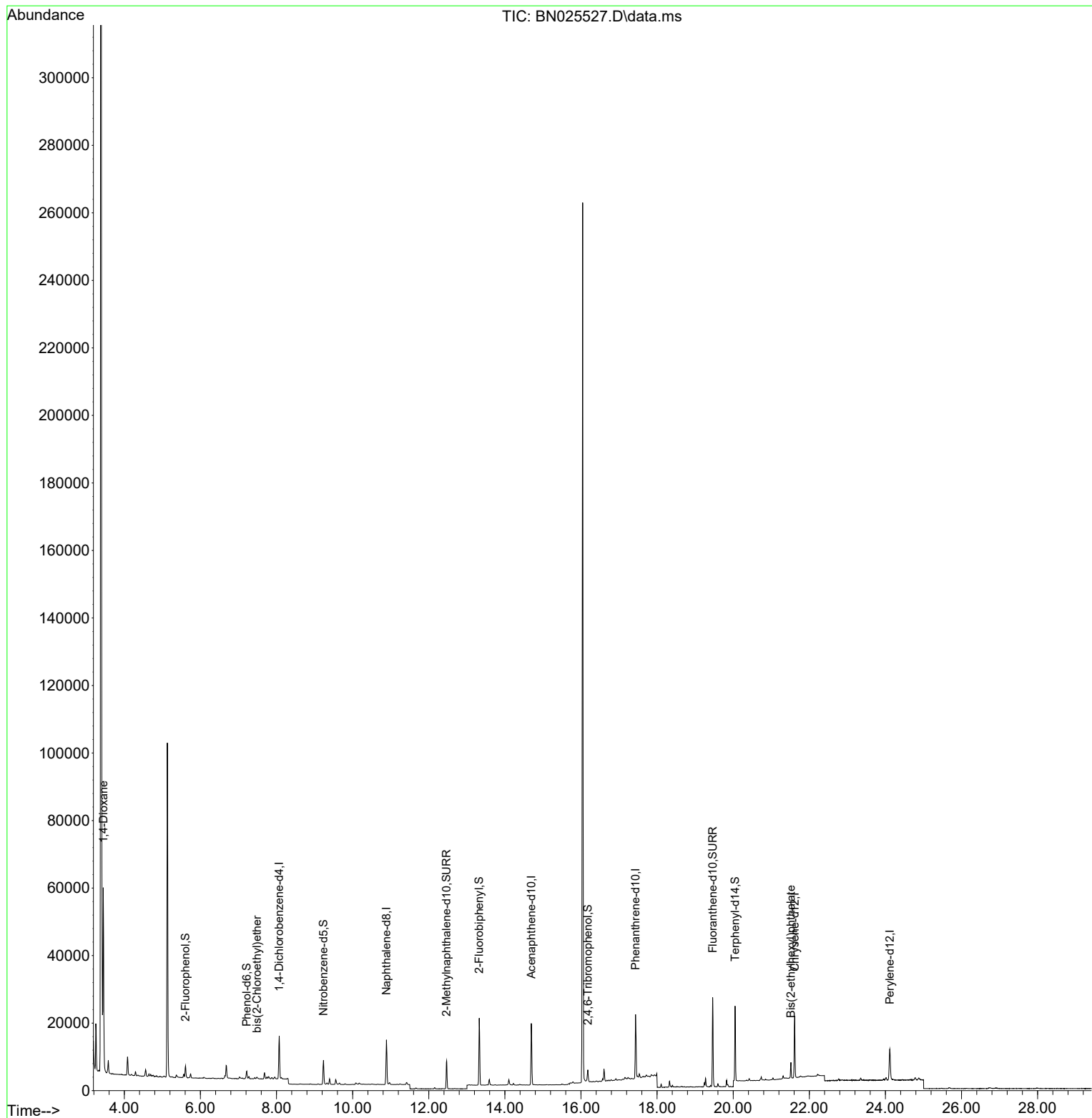
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5898	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	17561	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	10473	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	24519	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	16740	0.400	ng	0.00
35) Perylene-d12	24.115	264	13413	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	2640	0.198	ng	0.00
5) Phenol-d6	7.218	99	2110	0.123	ng	0.00
8) Nitrobenzene-d5	9.234	82	5869	0.419	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	11194	0.458	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1818	0.445	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	17266	0.431	ng	-0.01
27) Fluoranthene-d10	19.460	212	28687	0.507	ng	0.00
31) Terphenyl-d14	20.049	244	17986	0.604	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	32175	5.347	ng	99
6) bis(2-Chloroethyl)ether	7.485	93	358	0.022	ng	96
34) Bis(2-ethylhexyl)phtha...	21.518	149	4576	0.128	ng	98

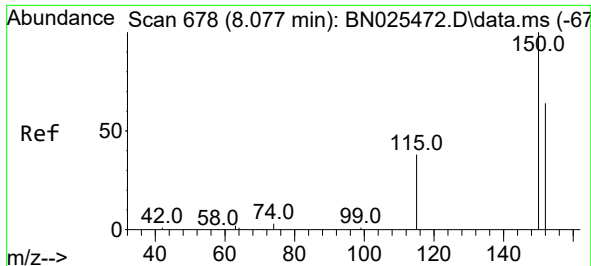
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
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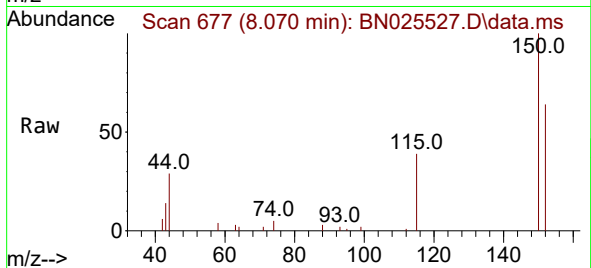
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
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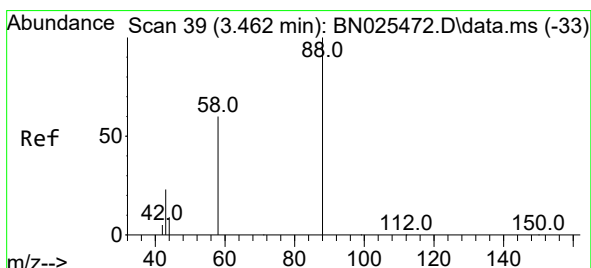
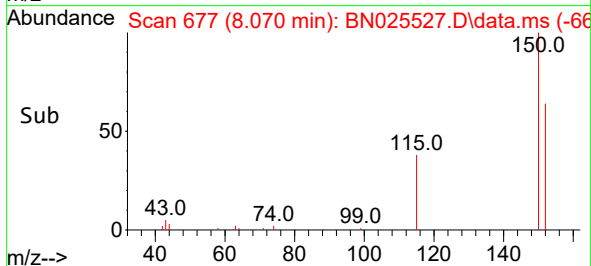
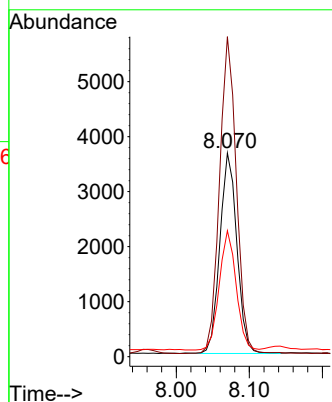


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516

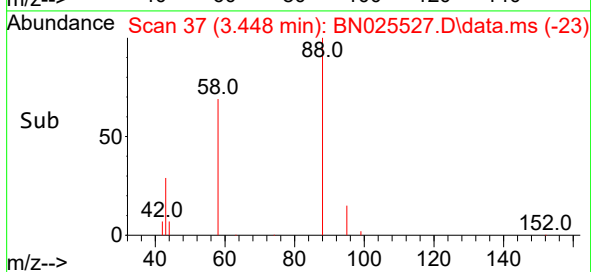
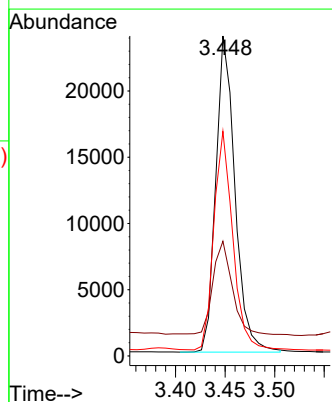
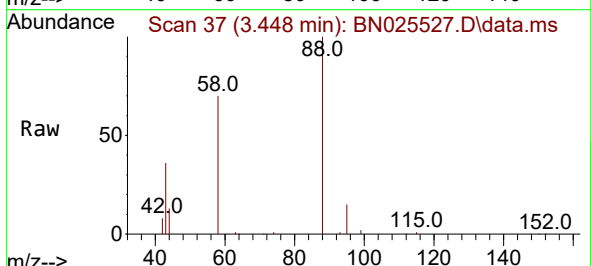


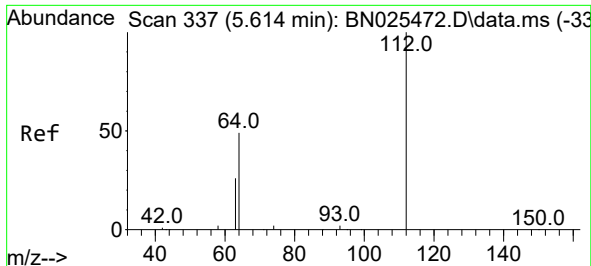
Tgt Ion:152 Resp: 5898
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.8 50.2 75.2



#2
1,4-Dioxane
Concen: 5.347 ng
RT: 3.448 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

Tgt Ion: 88 Resp: 32175
Ion Ratio Lower Upper
88 100
43 29.3 23.8 35.6
58 67.9 55.1 82.7

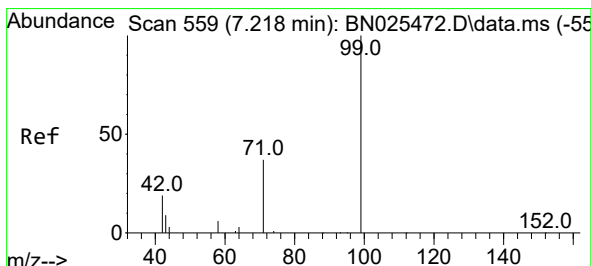
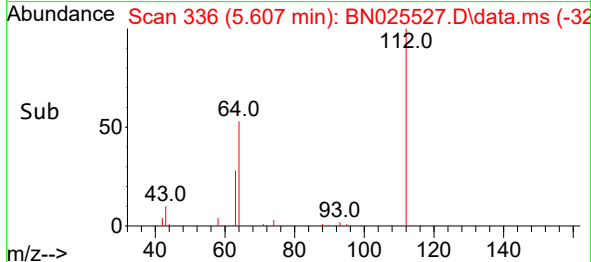
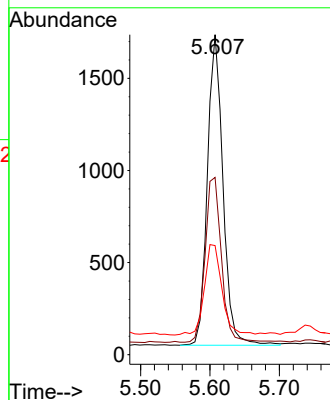
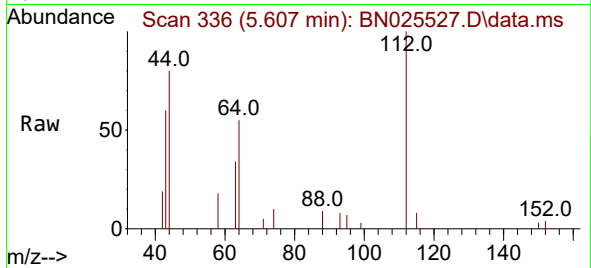




#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

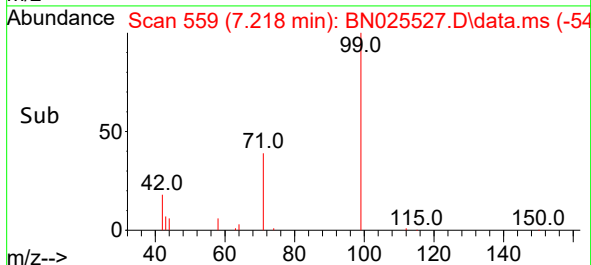
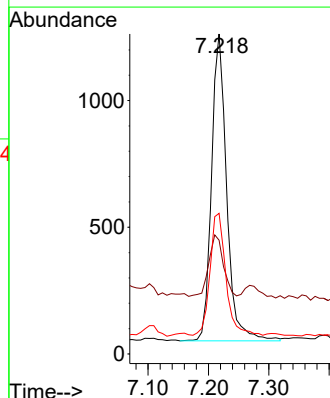
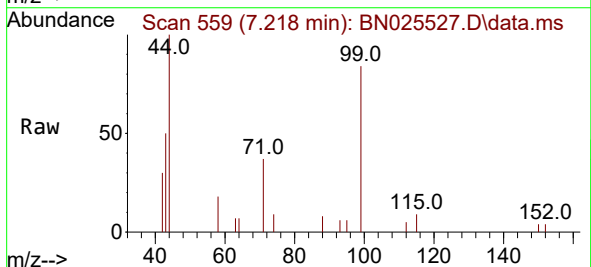
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516

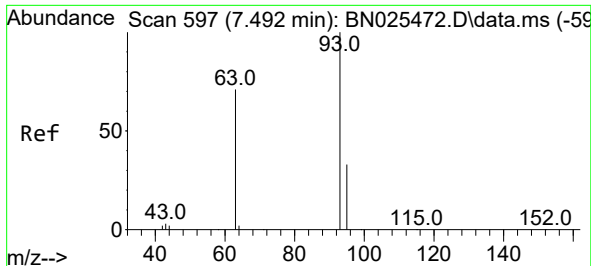
Tgt Ion:112 Resp: 2640
Ion Ratio Lower Upper
112 100
64 55.5 44.0 66.0
63 32.6 24.0 36.0



#5
Phenol-d6
Concen: 0.123 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

Tgt Ion: 99 Resp: 2110
Ion Ratio Lower Upper
99 100
42 18.9 15.8 23.8
71 41.9 28.6 43.0

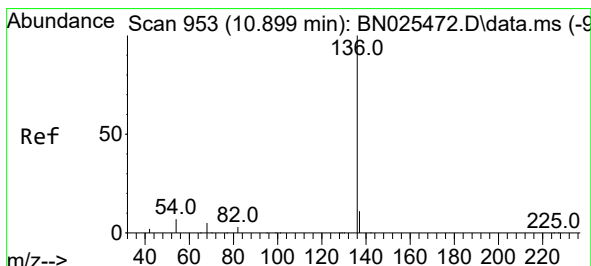
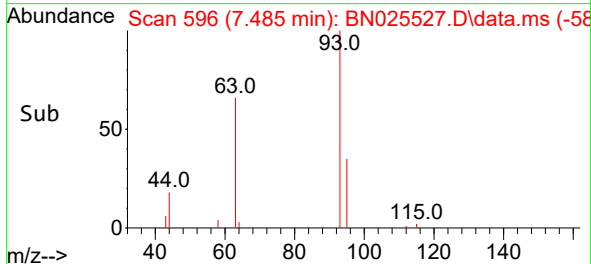
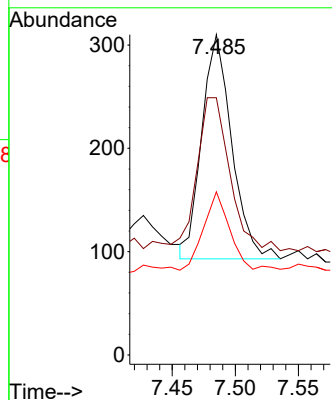
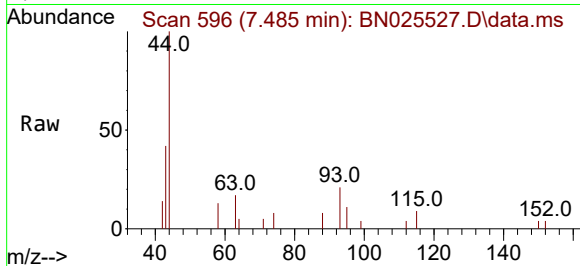




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.485 min Scan# 597
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

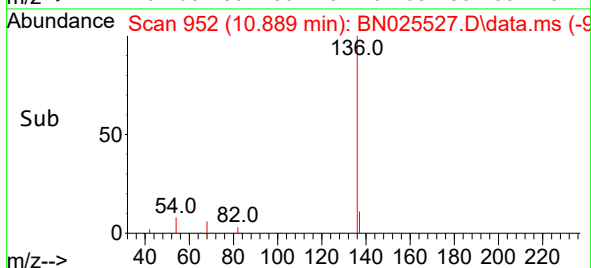
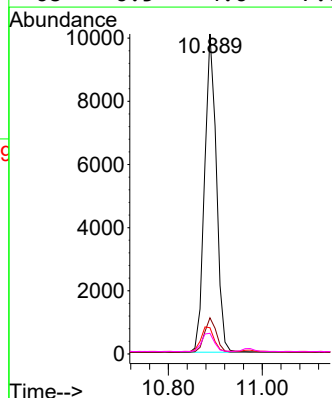
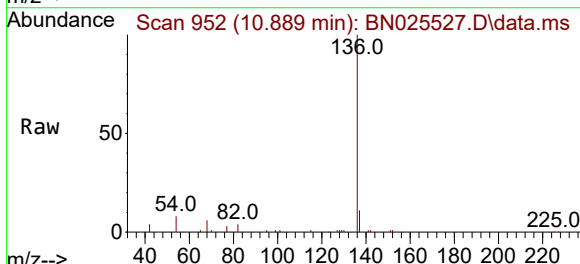
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230516

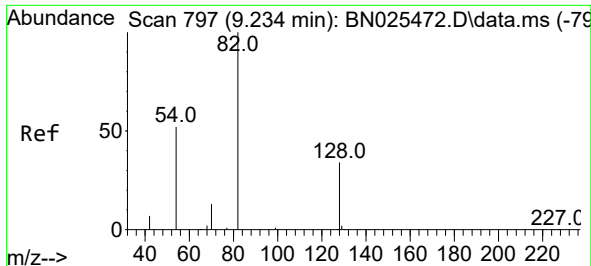
Tgt Ion: 93 Resp: 358
Ion Ratio Lower Upper
93 100
63 74.6 55.8 83.6
95 31.6 25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

Tgt Ion:136 Resp: 17561
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.2 5.8 8.6
68 6.5 4.6 7.0

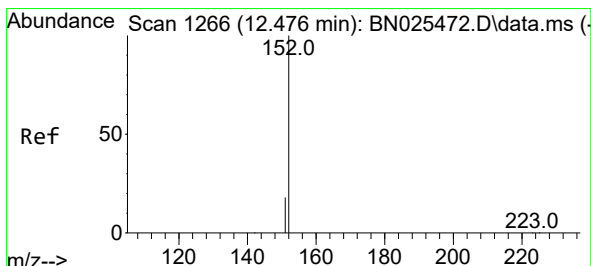
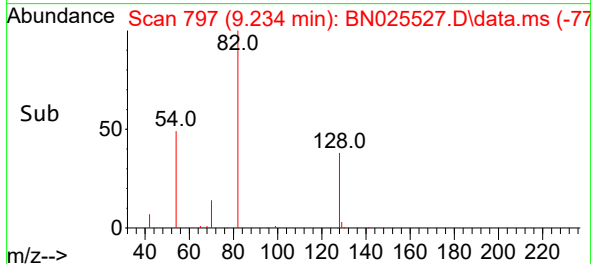
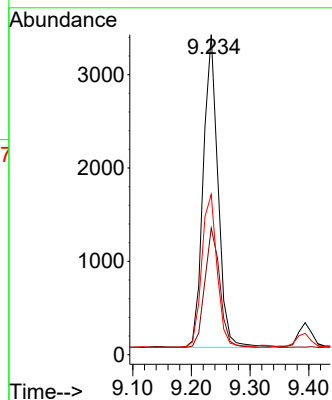
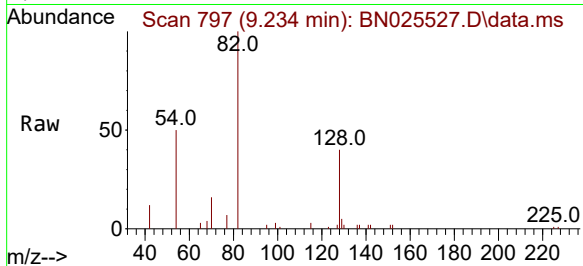




#8
 Nitrobenzene-d5
 Concen: 0.419 ng
 RT: 9.234 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

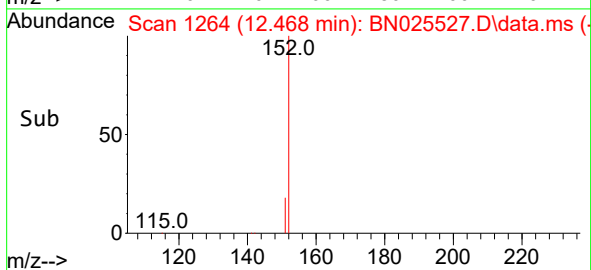
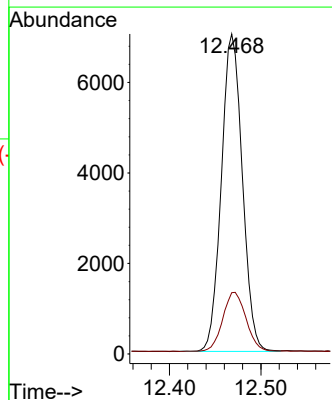
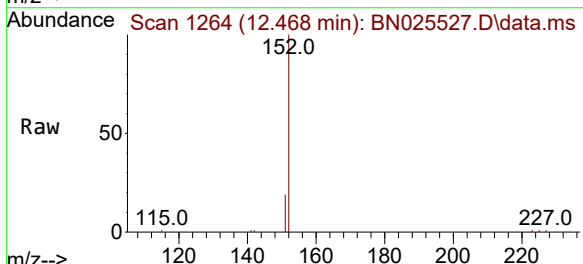
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230516

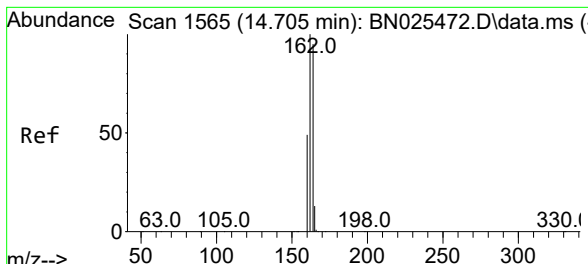
Tgt Ion:	82	Resp:	5869
Ion	Ratio	Lower	Upper
82	100		
128	39.6	27.9	41.9
54	50.0	42.4	63.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.458 ng
 RT: 12.468 min Scan# 1264
 Delta R.T. -0.004 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

Tgt Ion:	152	Resp:	11194
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8

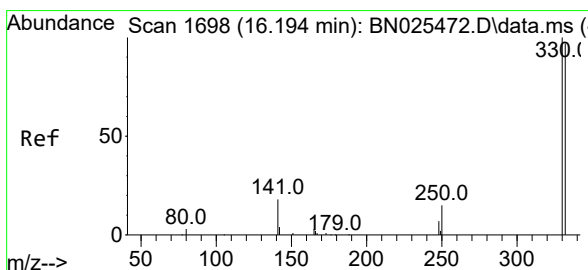
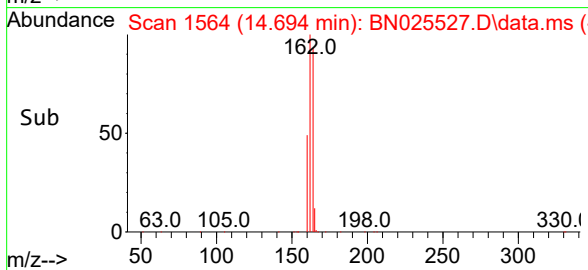
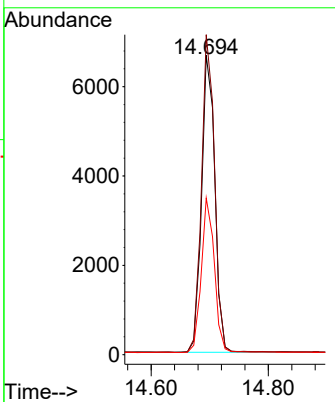
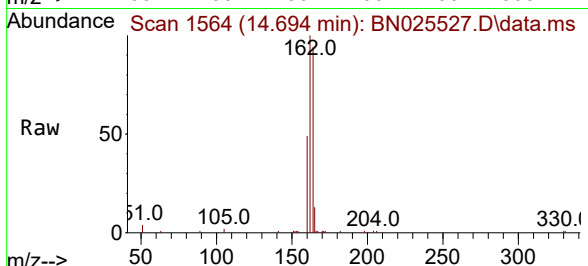




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.694 min Scan# 1564
 Delta R.T. -0.011 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

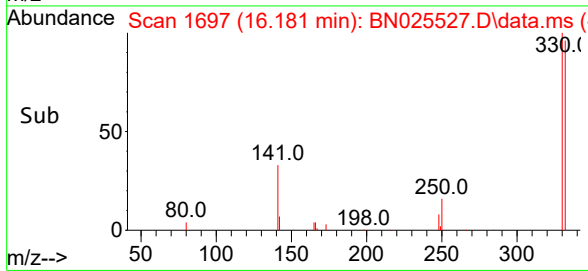
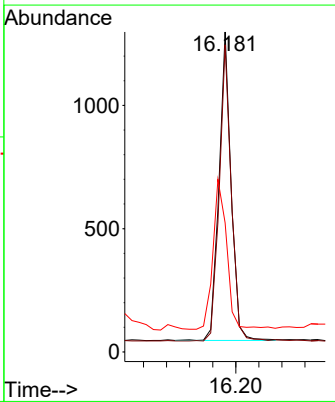
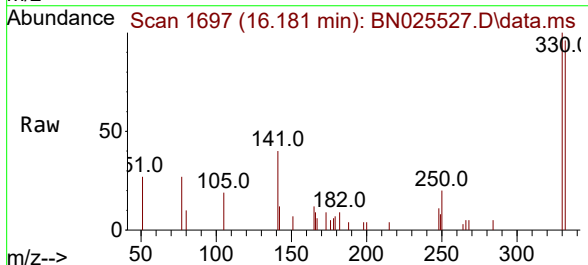
Instrument : BNA_N
 ClientSampleId : RE120D2-20230516

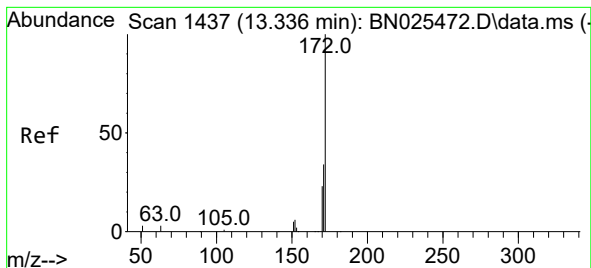
Tgt Ion:	164	Resp:	10473
Ion	Ratio	Lower	Upper
164	100		
162	106.9	84.2	126.2
160	52.3	41.4	62.2



#14
 2,4,6-Tribromophenol
 Concen: 0.445 ng
 RT: 16.181 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

Tgt Ion:	330	Resp:	1818
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.1	114.1
141	55.5	36.1	54.1





#15

2-Fluorobiphenyl

Concen: 0.431 ng

RT: 13.326 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN025527.D

Acq: 20 May 2023 16:30

Instrument :

BNA_N

ClientSampleId :

RE120D2-20230516

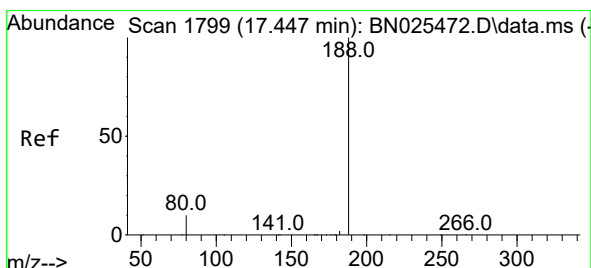
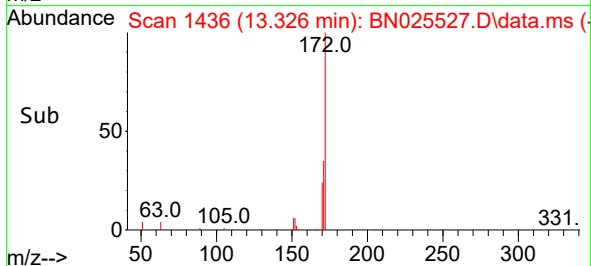
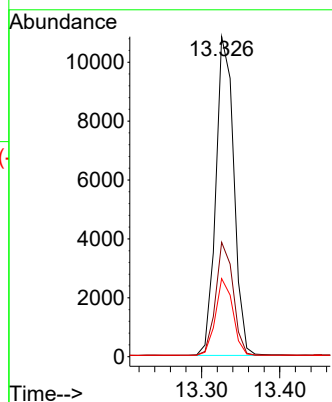
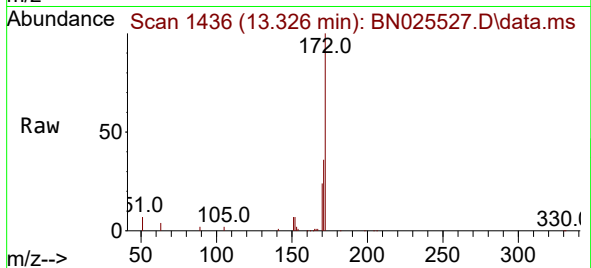
Tgt Ion:172 Resp: 17266

Ion Ratio Lower Upper

172 100

171 35.7 27.6 41.4

170 24.4 18.9 28.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BN025527.D

Acq: 20 May 2023 16:30

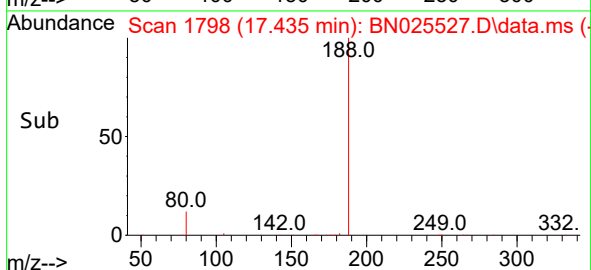
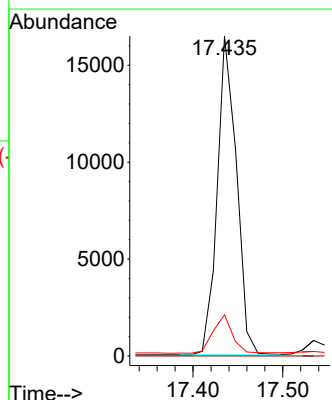
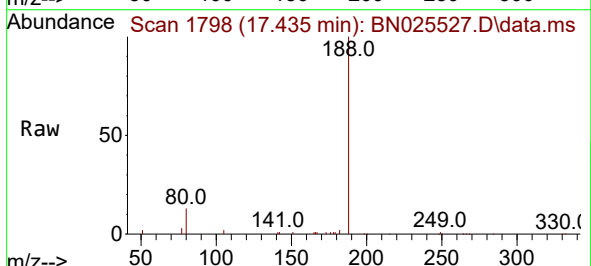
Tgt Ion:188 Resp: 24519

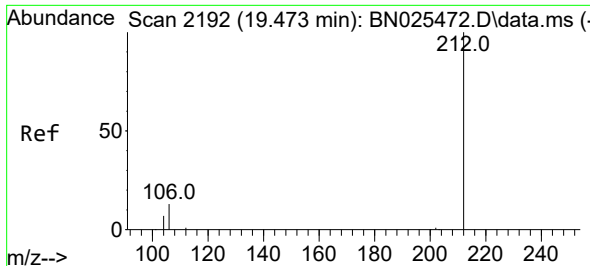
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 8.2 12.4#

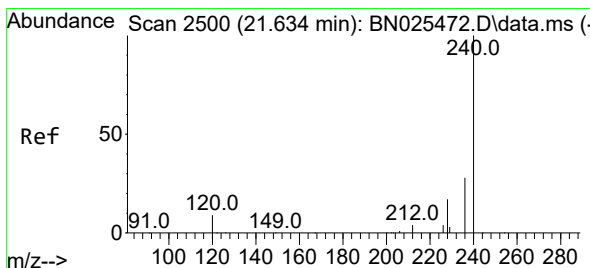
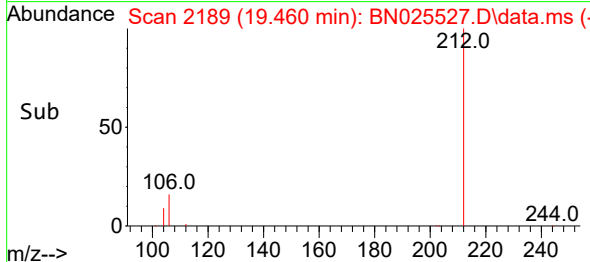
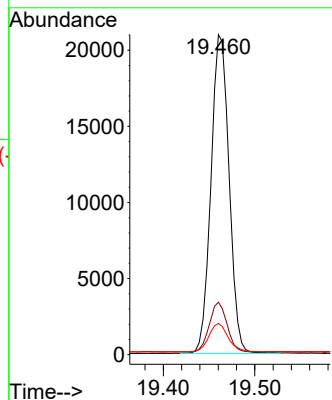
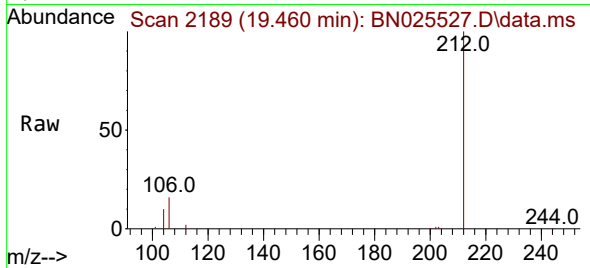




#27
Fluoranthene-d10
Concen: 0.507 ng
RT: 19.460 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

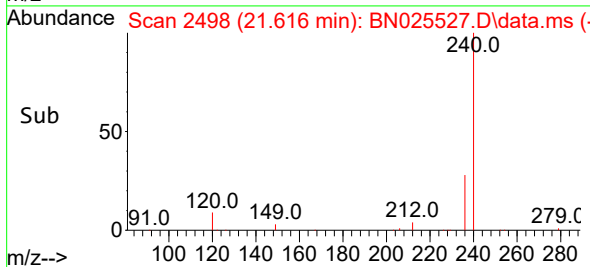
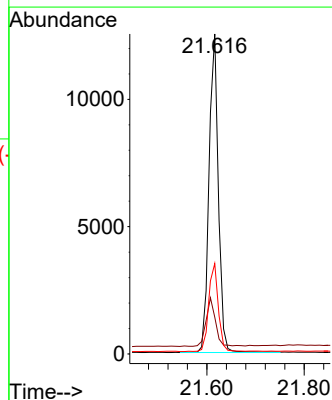
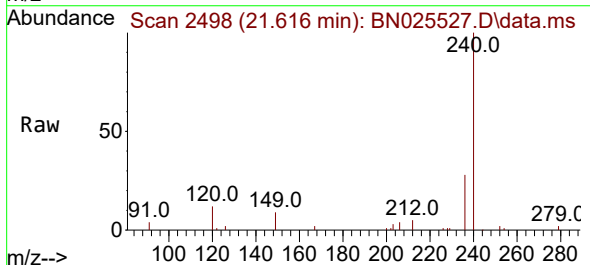
Instrument :
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RE120D2-20230516

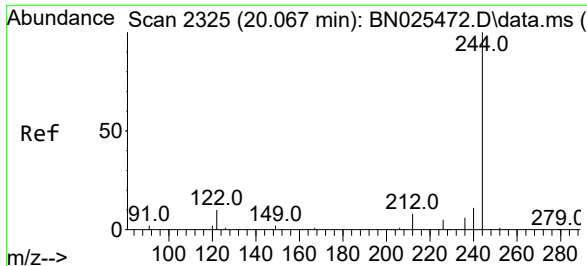
Tgt Ion:212 Resp: 28687
Ion Ratio Lower Upper
212 100
106 15.2 11.4 17.2
104 9.4 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BN025527.D
Acq: 20 May 2023 16:30

Tgt Ion:240 Resp: 16740
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 28.3 22.7 34.1

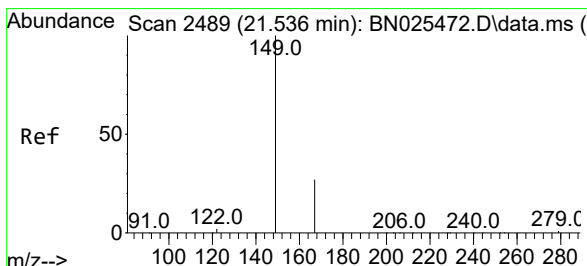
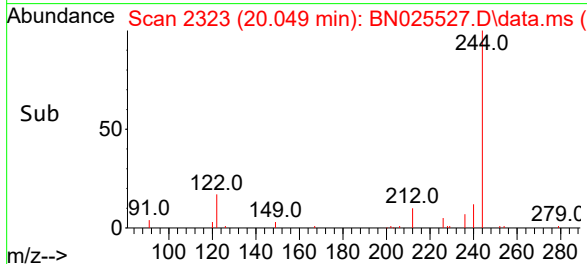
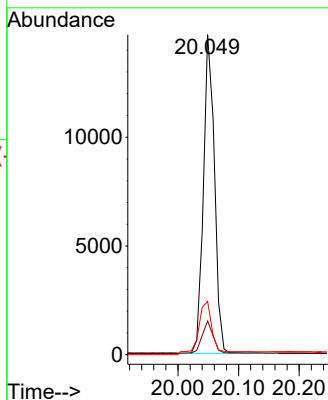
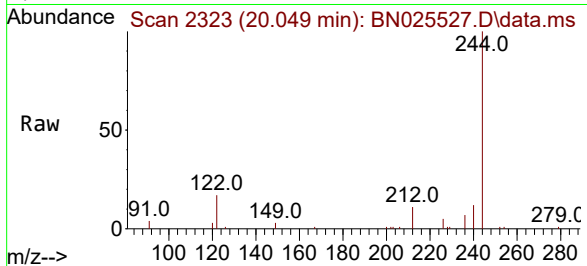




#31
 Terphenyl-d14
 Concen: 0.604 ng
 RT: 20.049 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

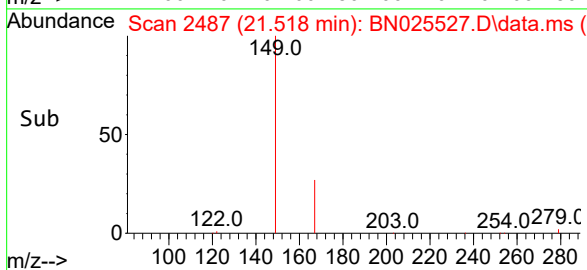
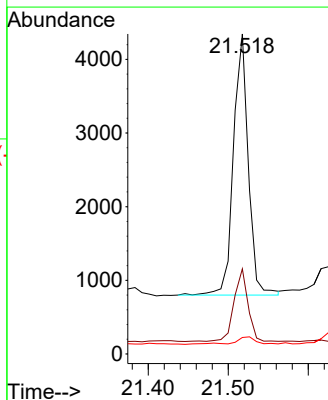
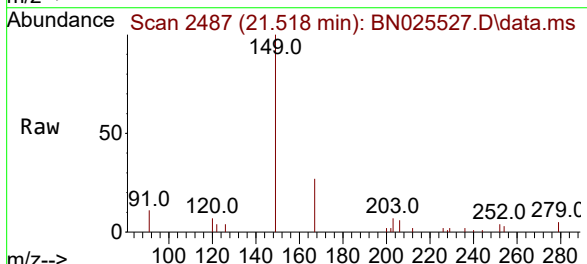
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230516

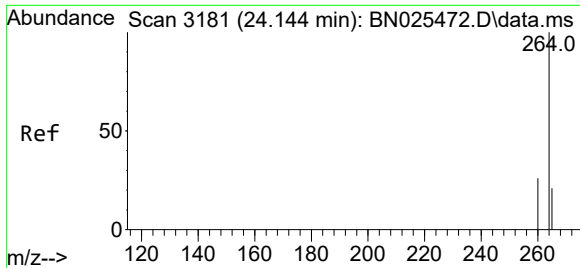
Tgt Ion:244 Resp: 17986
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.6 10.0#
 122 16.6 8.1 12.1#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.518 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

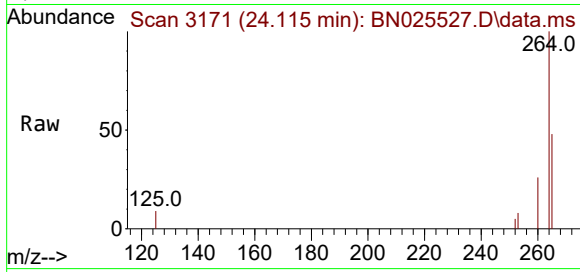
Tgt Ion:149 Resp: 4576
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.0 33.0
 279 3.1 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.115 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN025527.D
 Acq: 20 May 2023 16:30

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230516



Tgt Ion:264 Resp: 13413

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	48.3	27.1	40.7#

