

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035512.D
 Acq On : 09 Dec 2024 18:19
 Operator : RC/JU
 Sample : P5164-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20241206

Quant Time: Dec 10 01:26:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

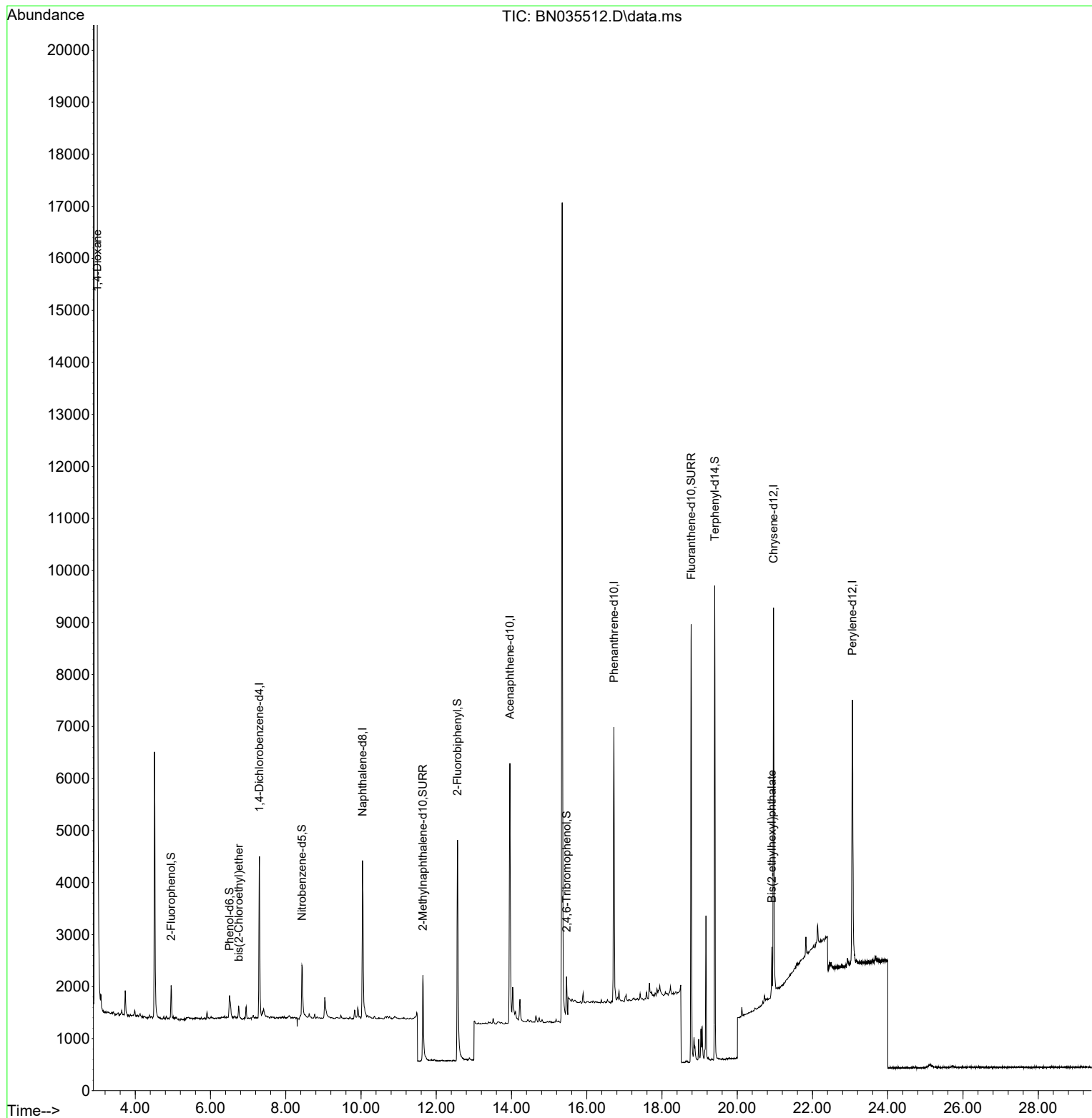
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1616	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4623	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3281	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7900	0.400	ng	-0.01
29) Chrysene-d12	20.965	240	7073	0.400	ng	0.00
35) Perylene-d12	23.059	264	7058	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	577	0.143	ng	-0.01
5) Phenol-d6	6.506	99	428	0.088	ng	0.00
8) Nitrobenzene-d5	8.429	82	1409	0.499	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	2800	0.387	ng	-0.01
14) 2,4,6-Tribromophenol	15.464	330	691	0.297	ng	-0.01
15) 2-Fluorobiphenyl	12.564	172	5236	0.422	ng	-0.01
27) Fluoranthene-d10	18.775	212	10250	0.458	ng	0.00
31) Terphenyl-d14	19.402	244	8977	0.643	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.989	88	3882	2.513	ng	97
6) bis(2-Chloroethyl)ether	6.752	93	215	0.053	ng	96
34) Bis(2-ethylhexyl)phtha...	20.920	149	745	0.076	ng	98

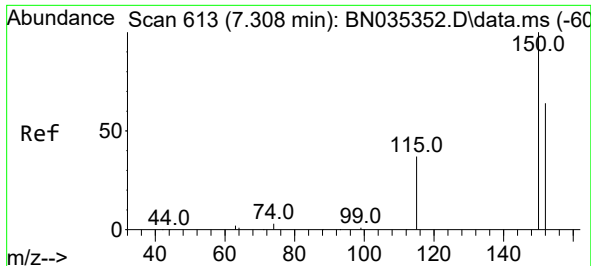
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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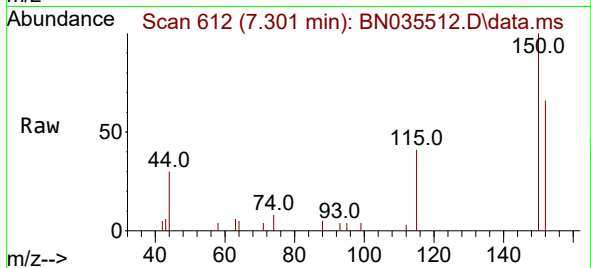
Quant Time: Dec 10 01:26:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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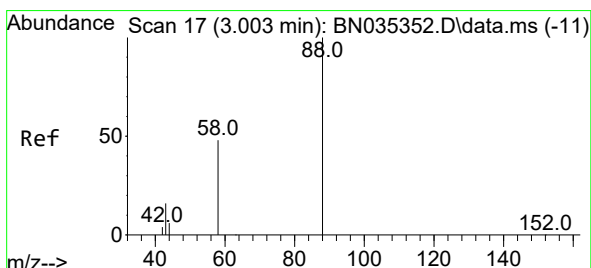
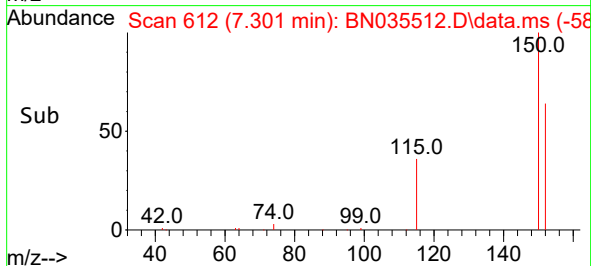
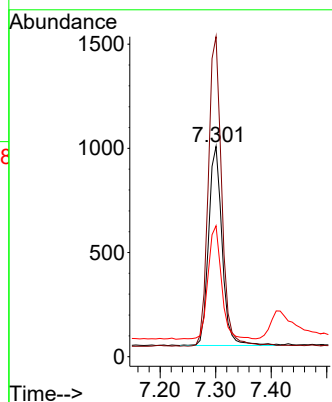


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Instrument :
BNA_N
ClientSampleId :
RE108D2-20241206

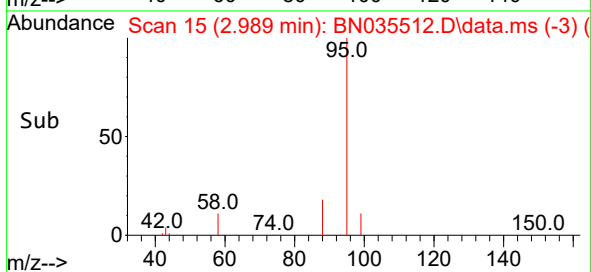
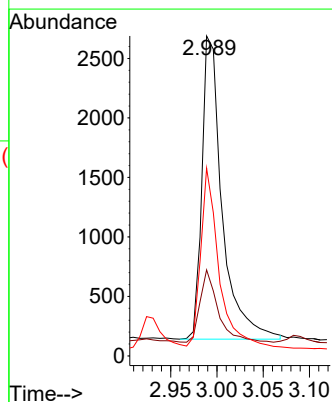
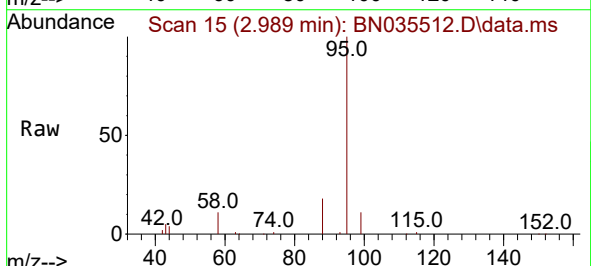


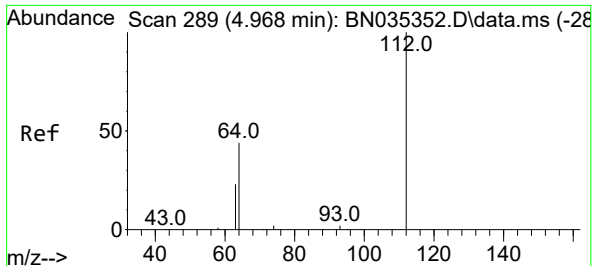
Tgt Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 62.2 49.6 74.4



#2
1,4-Dioxane
Concen: 2.513 ng
RT: 2.989 min Scan# 15
Delta R.T. -0.014 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion: 88 Resp: 3882
Ion Ratio Lower Upper
88 100
43 21.4 17.2 25.8
58 52.3 44.5 66.7

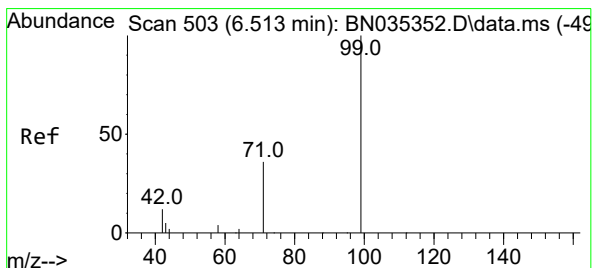
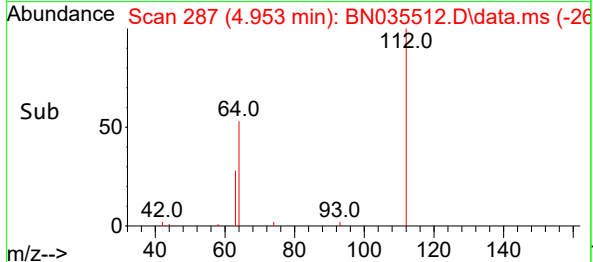
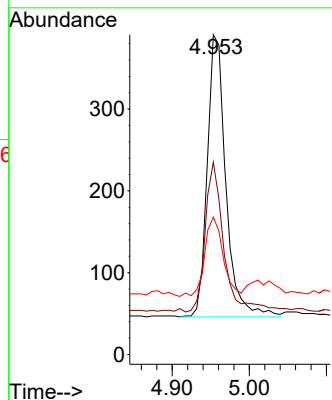
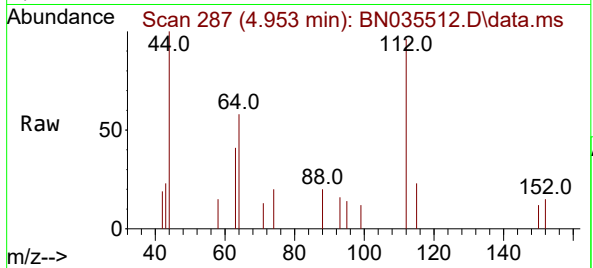




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 4.953 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

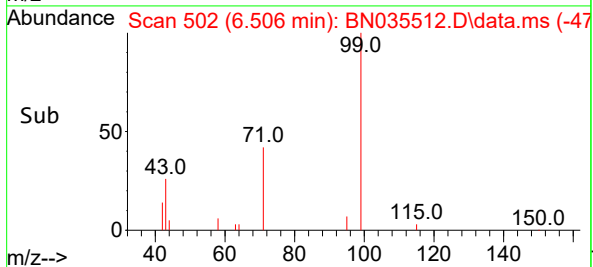
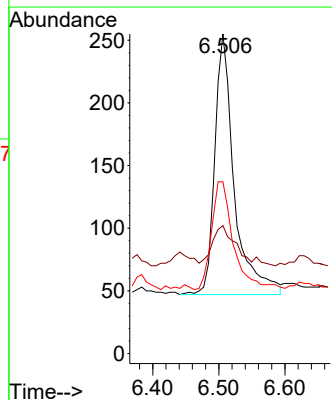
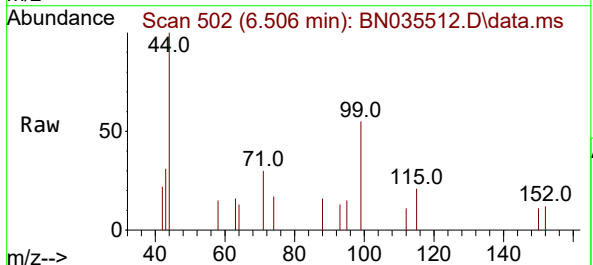
Instrument :
BNA_N
ClientSampleId :
RE108D2-20241206

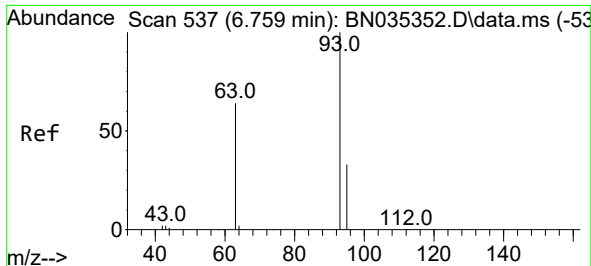
Tgt Ion:112 Resp: 577
Ion Ratio Lower Upper
112 100
64 53.7 39.8 59.8
63 27.6 21.0 31.6



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.007 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion: 99 Resp: 428
Ion Ratio Lower Upper
99 100
42 20.6 11.4 17.2#
71 46.3 29.3 43.9#

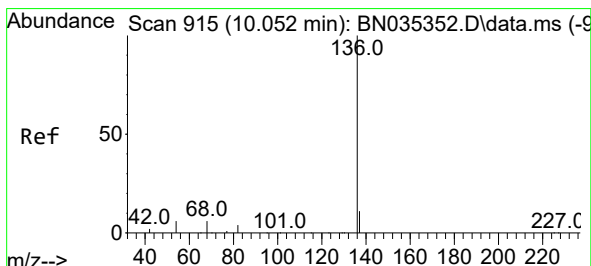
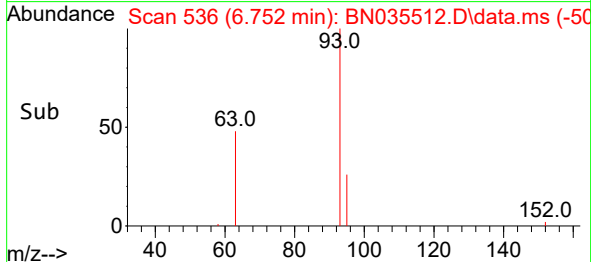
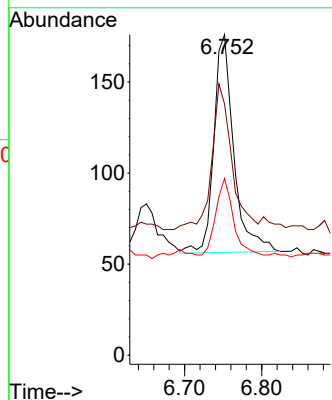
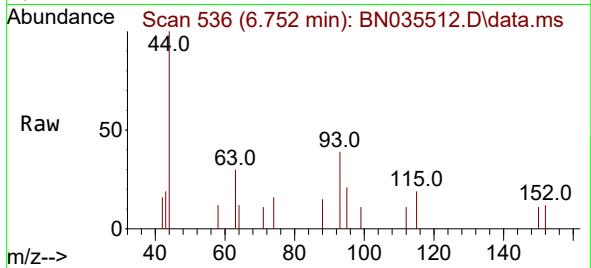




#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 6.752 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

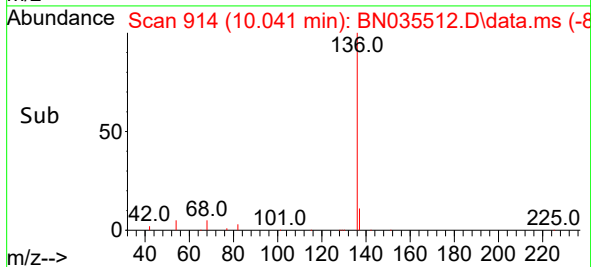
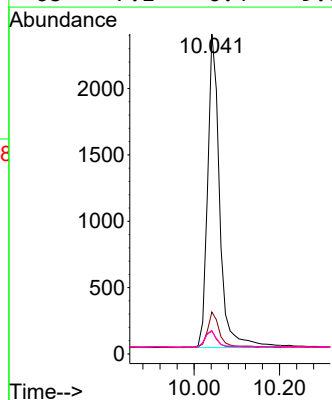
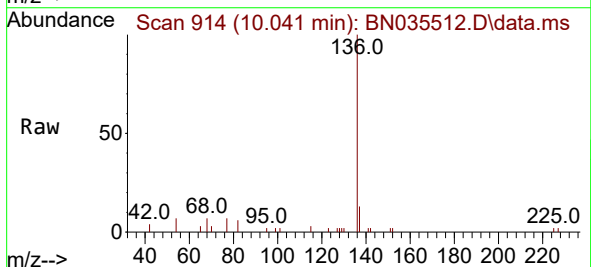
Instrument :
BNA_N
ClientSampleId :
RE108D2-20241206

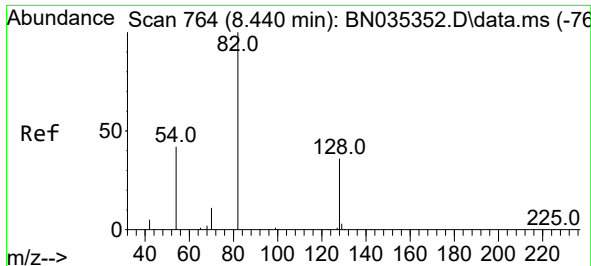
Tgt Ion: 93 Resp: 215
Ion Ratio Lower Upper
93 100
63 66.0 50.4 75.6
95 34.0 25.7 38.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion: 136 Resp: 4623
Ion Ratio Lower Upper
136 100
137 13.1 10.2 15.2
54 7.3 6.1 9.1
68 7.1 6.4 9.6

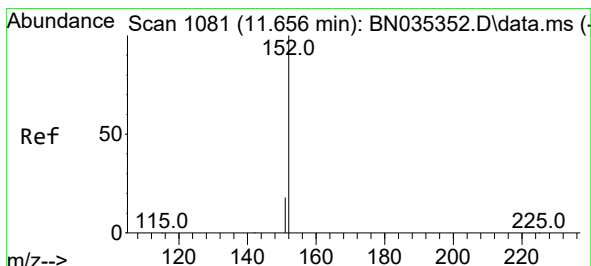
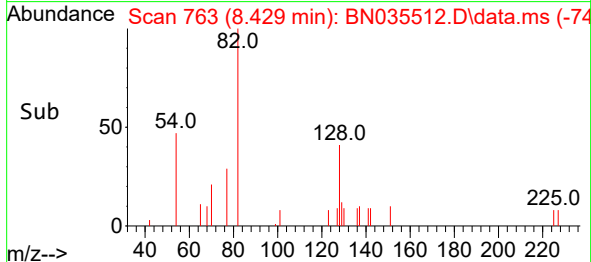
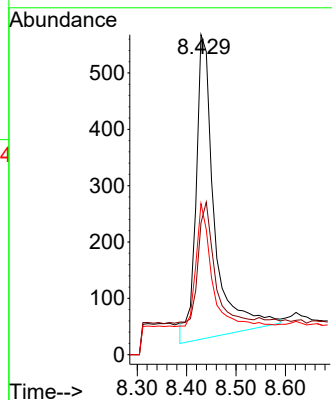
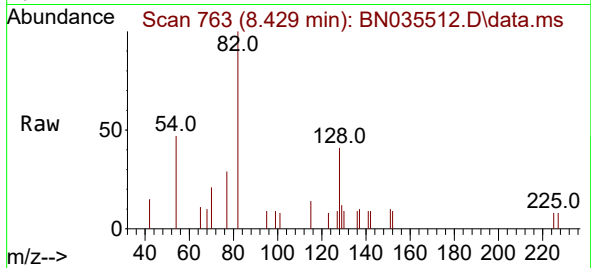




#8
Nitrobenzene-d5
Concen: 0.499 ng
RT: 8.429 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

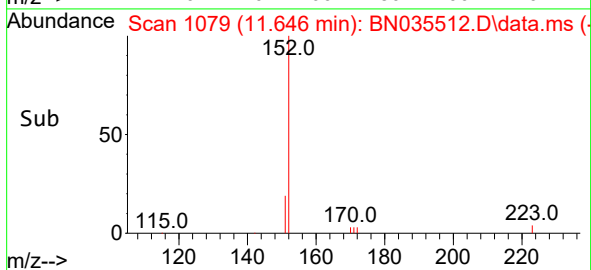
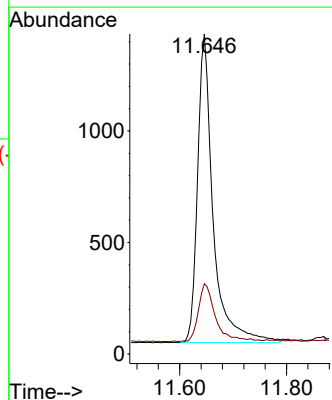
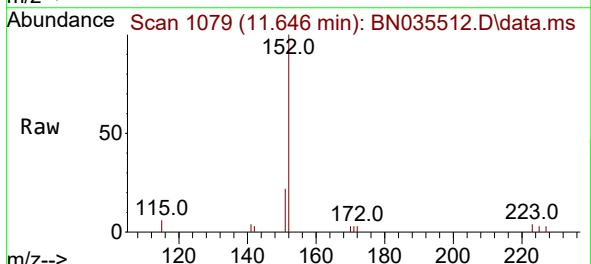
Instrument :
BNA_N
ClientSampleId :
RE108D2-20241206

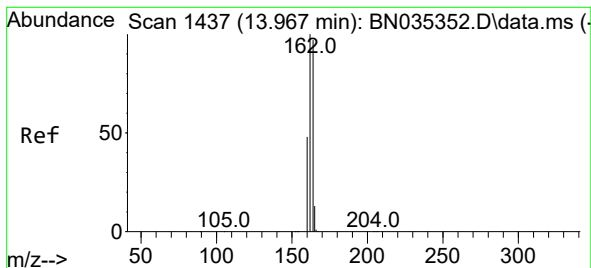
Tgt Ion: 82 Resp: 1409
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.0
54 47.2 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion:152 Resp: 2800
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.957 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN035512.D

Acq: 09 Dec 2024 18:19

Instrument :

BNA_N

ClientSampleId :

RE108D2-20241206

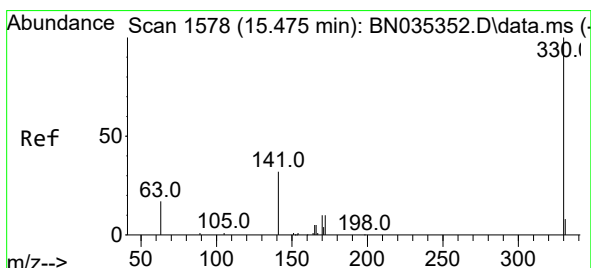
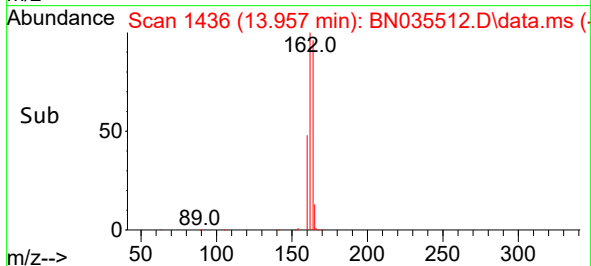
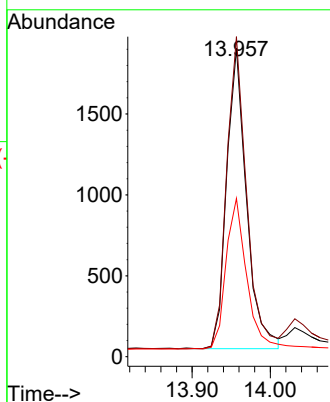
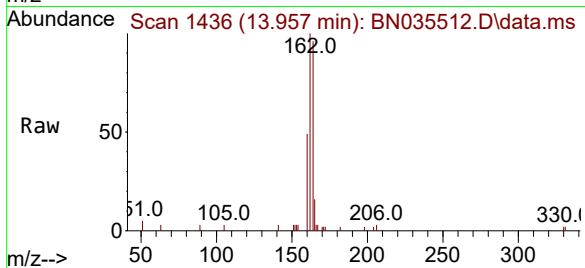
Tgt Ion:164 Resp: 3281

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.2

160 51.3 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.297 ng

RT: 15.464 min Scan# 1577

Delta R.T. -0.011 min

Lab File: BN035512.D

Acq: 09 Dec 2024 18:19

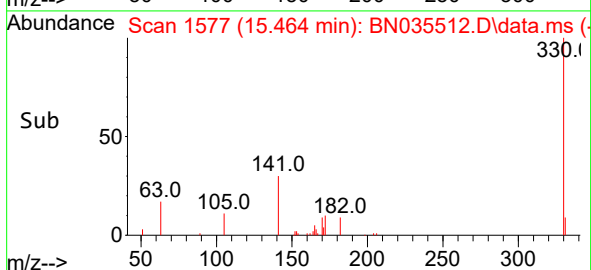
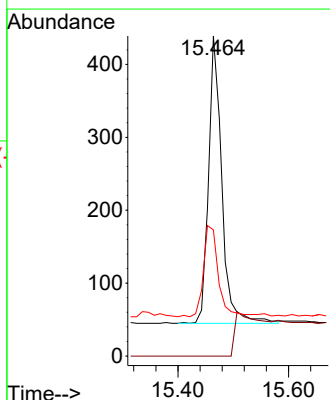
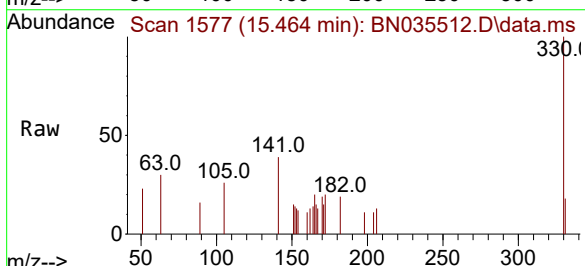
Tgt Ion:330 Resp: 691

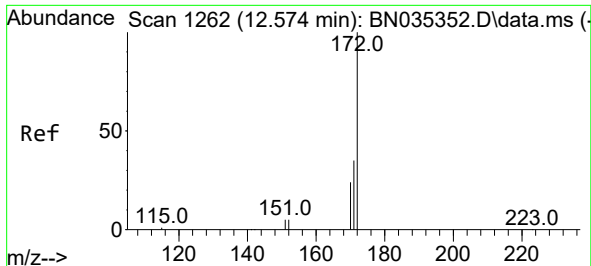
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.8 26.6 40.0

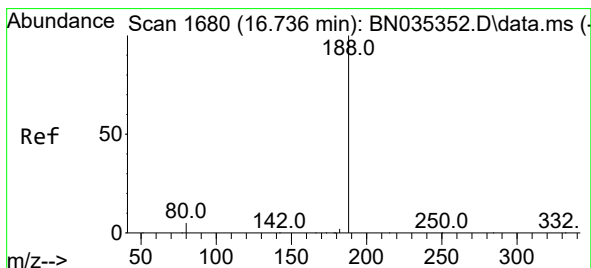
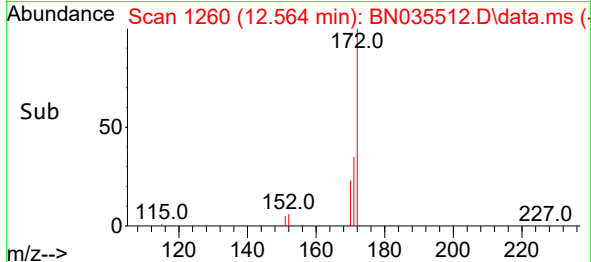
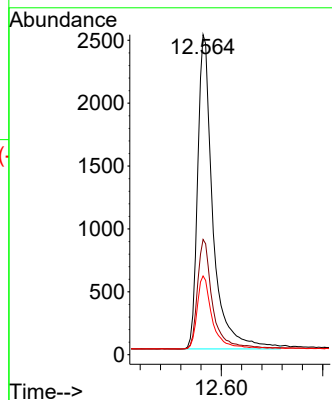
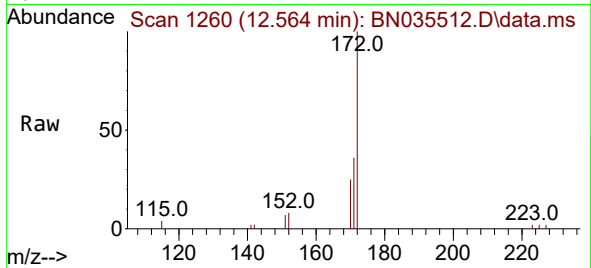




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.564 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

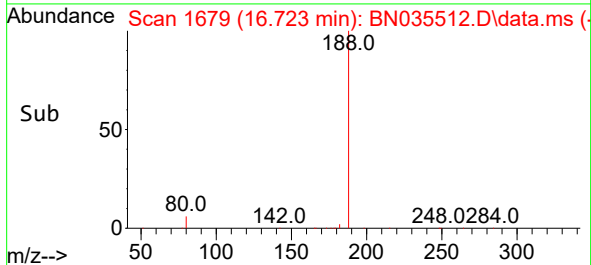
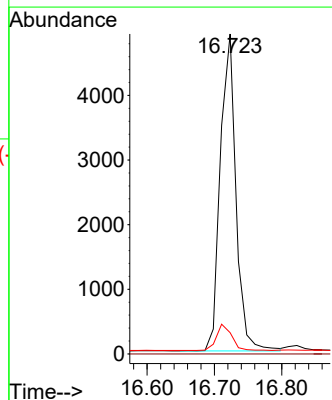
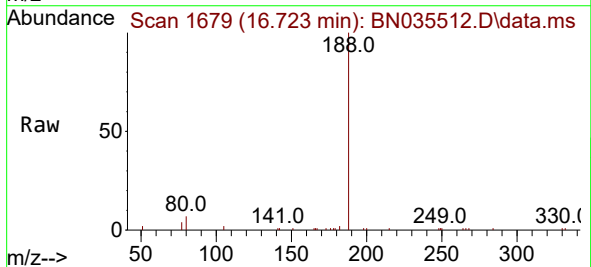
Instrument :
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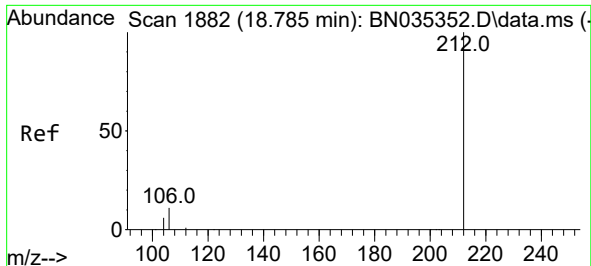
Tgt Ion:172	Resp:	5236
Ion	Ratio	Lower Upper
172	100	
171	36.0	29.0 43.4
170	24.6	19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion:188	Resp:	7900
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	6.6	4.6 6.8

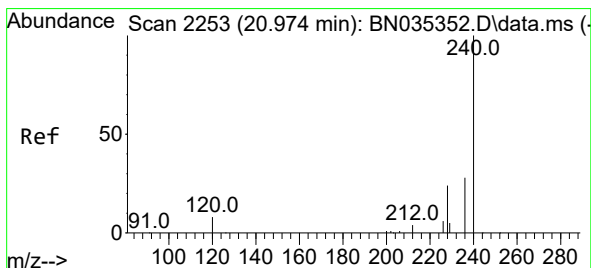
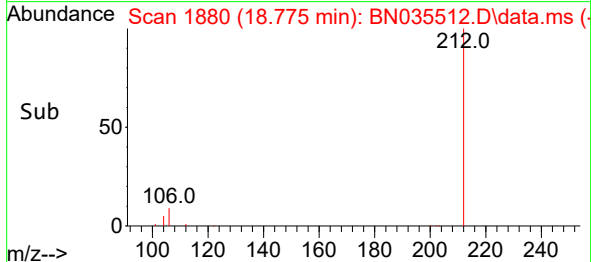
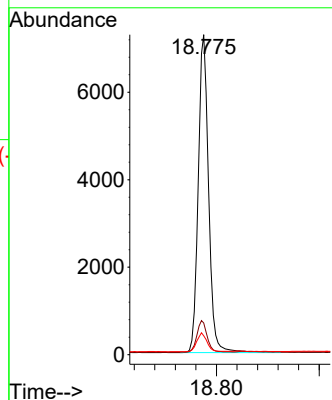
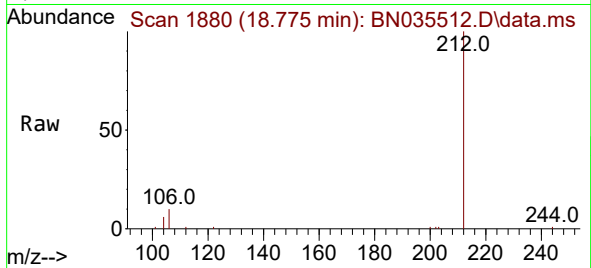




#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

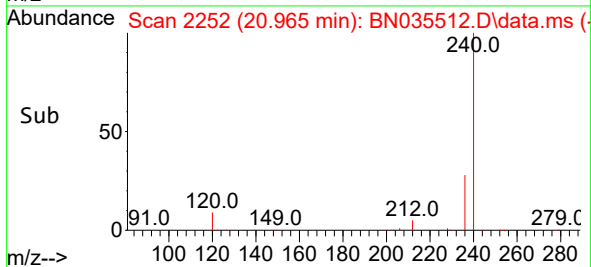
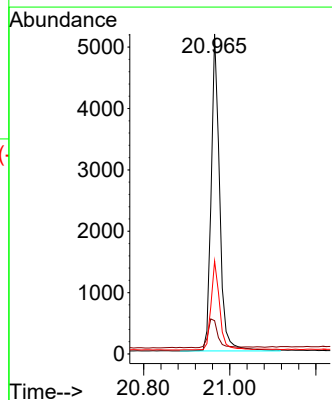
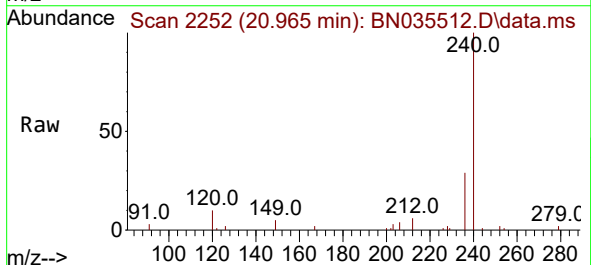
Instrument :
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RE108D2-20241206

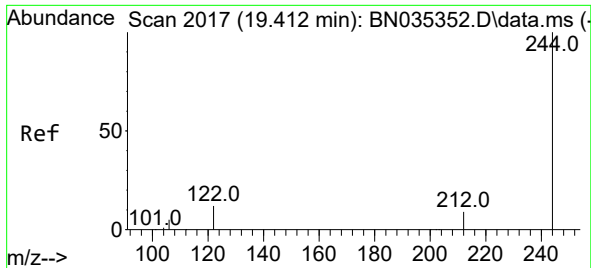
Tgt Ion:212 Resp: 10250
Ion Ratio Lower Upper
212 100
106 9.9 9.2 13.8
104 5.9 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. -0.009 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

Tgt Ion:240 Resp: 7073
Ion Ratio Lower Upper
240 100
120 10.4 7.9 11.9
236 29.1 22.9 34.3

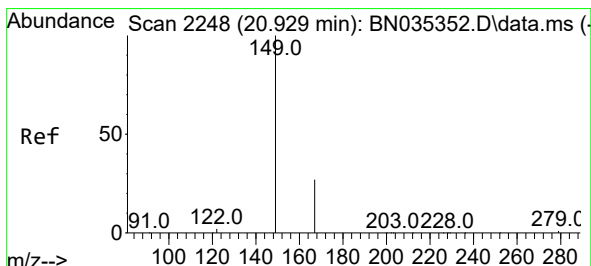
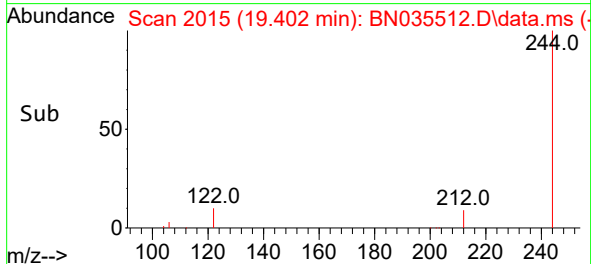
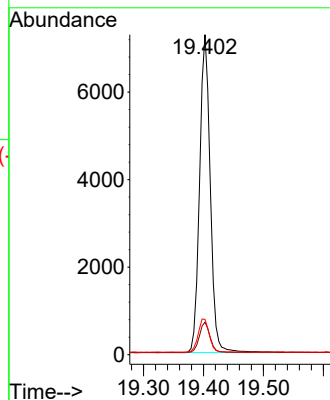
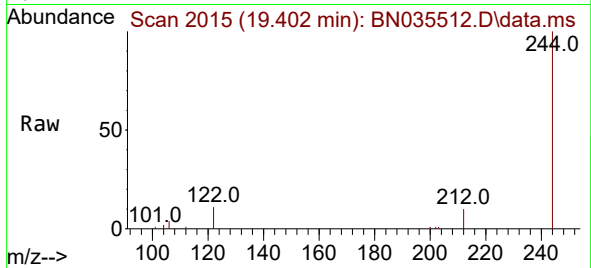




#31
Terphenyl-d14
Concen: 0.643 ng
RT: 19.402 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

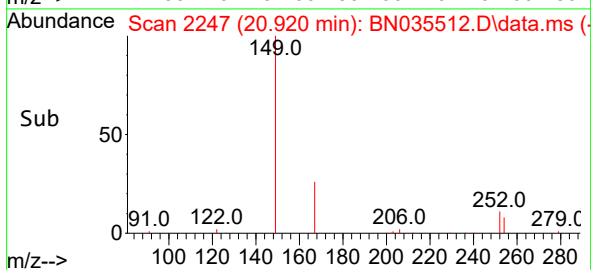
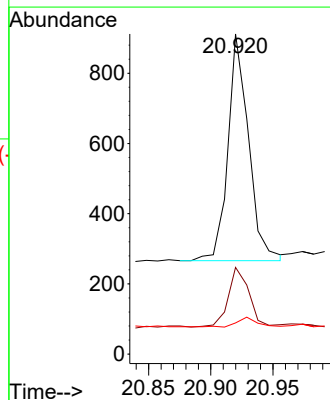
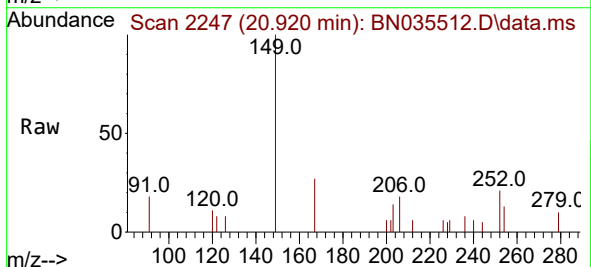
Instrument :
BNA_N
ClientSampleId :
RE108D2-20241206

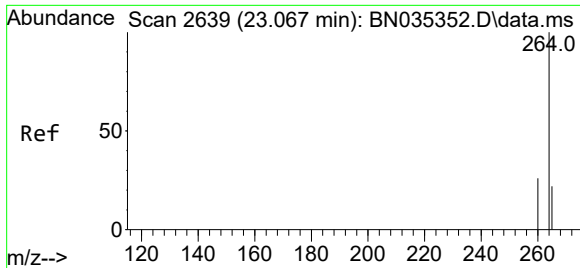
Tgt Ion:244 Resp: 8977
Ion Ratio Lower Upper
244 100
212 10.1 8.1 12.1
122 11.1 10.3 15.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 20.920 min Scan# 2247
Delta R.T. -0.009 min
Lab File: BN035512.D
Acq: 09 Dec 2024 18:19

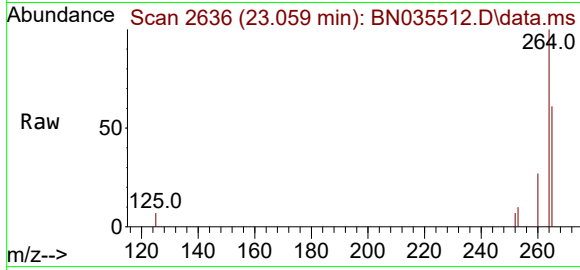
Tgt Ion:149 Resp: 745
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.4
279 3.8 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.059 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BN035512.D
 Acq: 09 Dec 2024 18:19

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20241206



Tgt Ion:264 Resp: 7058

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.4	32.2
265	61.3	40.2	60.4#

