

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
 Data File : BN029328.D
 Acq On : 20 Jan 2024 05:42
 Operator : MA/JU
 Sample : P1175-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP6

Quant Time: Jan 21 22:44:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 16:49:42 2024
 Response via : Initial Calibration

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

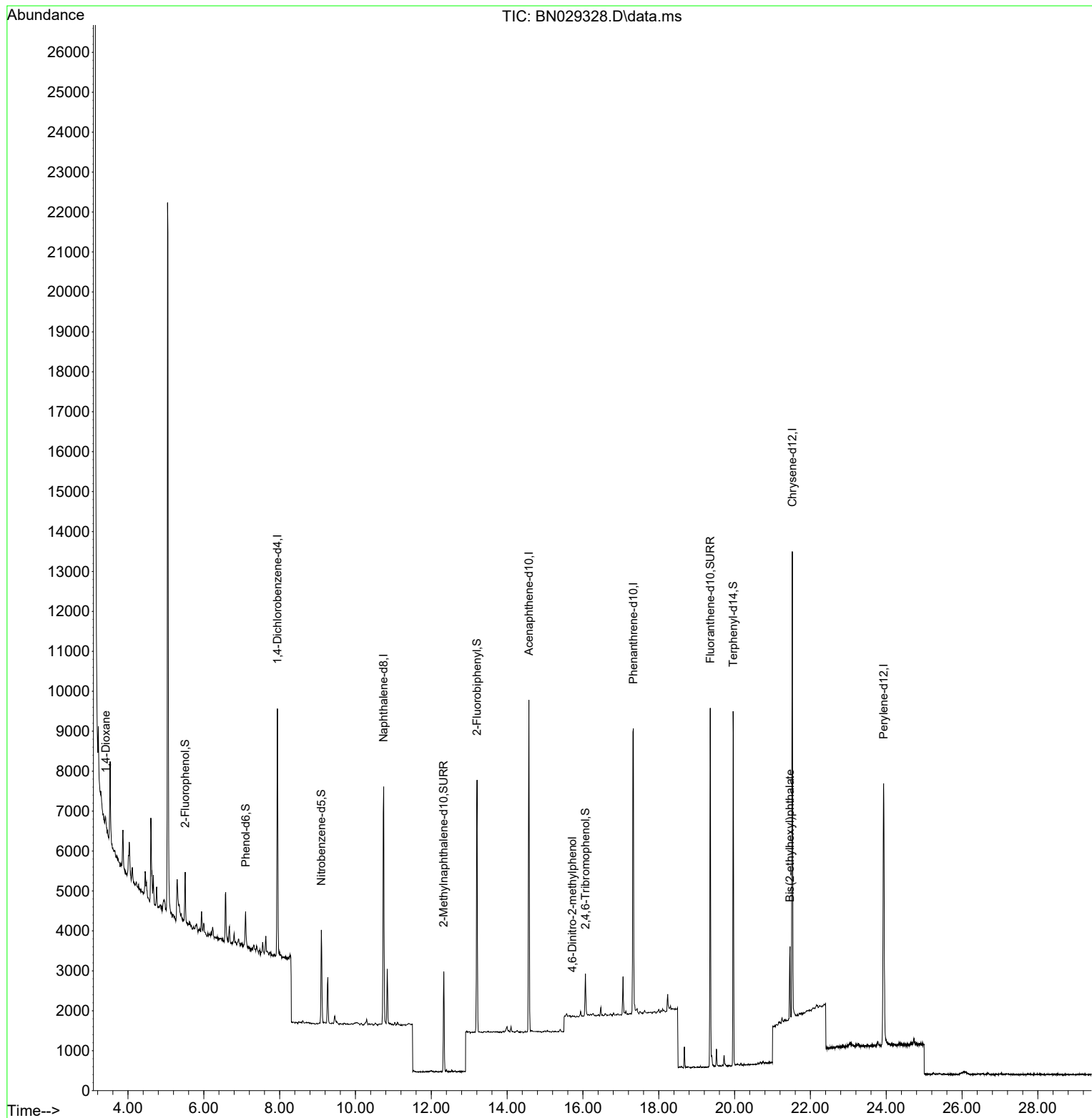
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2916	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	8102	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	4515	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	11324	0.400	ng	0.00
29) Chrysene-d12	21.523	240	10333	0.400	ng	# 0.00
35) Perylene-d12	23.930	264	9779	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	965	0.134	ng	0.00
5) Phenol-d6	7.103	99	740	0.077	ng	0.00
8) Nitrobenzene-d5	9.100	82	1928	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	3300	0.239	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	625	0.451	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	5509	0.262	ng	0.00
27) Fluoranthene-d10	19.359	212	10037	0.292	ng	0.00
31) Terphenyl-d14	19.963	244	8522	0.329	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.413	88	255	0.072	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.716	198	1	0.154	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.461	149	1869	0.104	ng	100

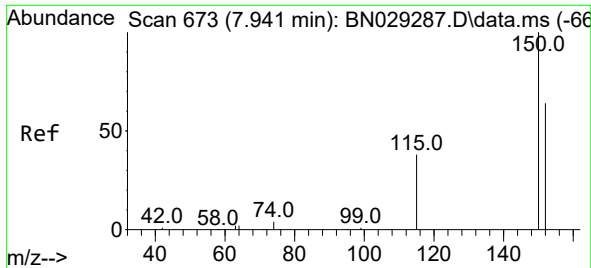
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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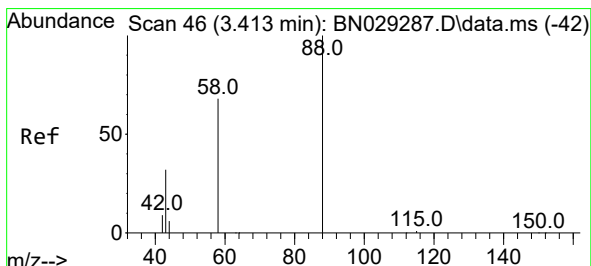
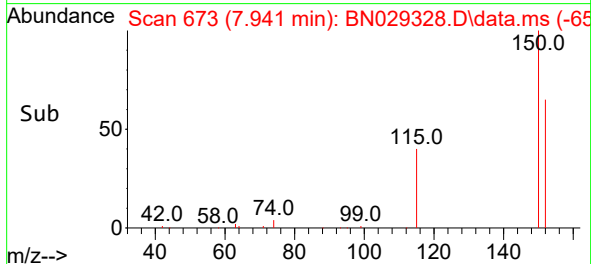
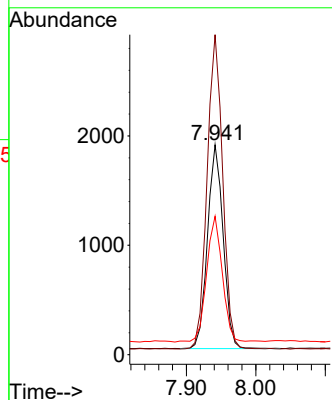
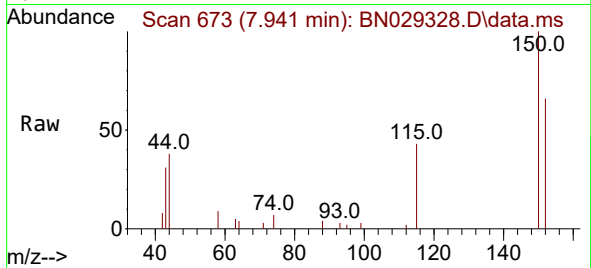




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.941 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029328.D
 Acq: 20 Jan 2024 05:42

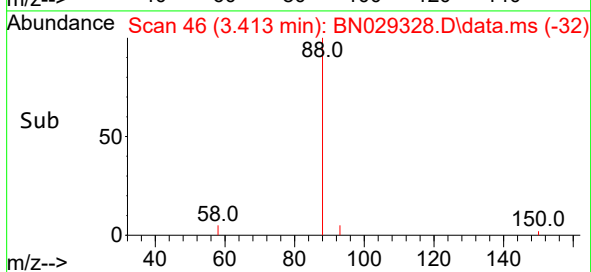
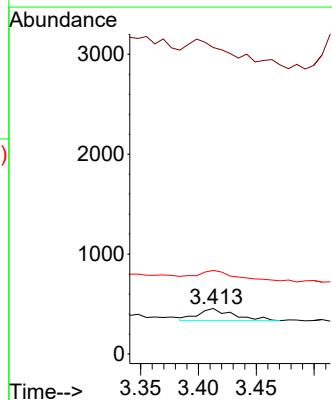
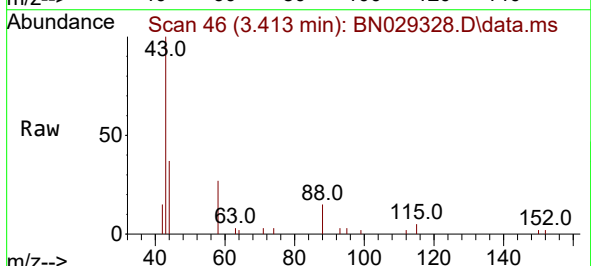
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP6

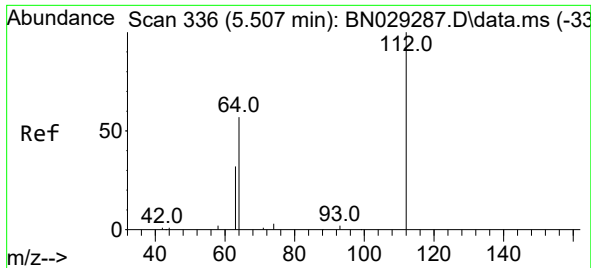
Tgt Ion:152 Resp: 2916
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 65.9 50.6 76.0



#2
 1,4-Dioxane
 Concen: 0.072 ng
 RT: 3.413 min Scan# 46
 Delta R.T. 0.000 min
 Lab File: BN029328.D
 Acq: 20 Jan 2024 05:42

Tgt Ion: 88 Resp: 255
 Ion Ratio Lower Upper
 88 100
 43 243.9 26.2 39.2#
 58 92.5 55.3 82.9#





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.507 min Scan# 336

Delta R.T. 0.000 min

Lab File: BN029328.D

Acq: 20 Jan 2024 05:42

Instrument :

BNA_N

ClientSampleId :

P3874-SP6

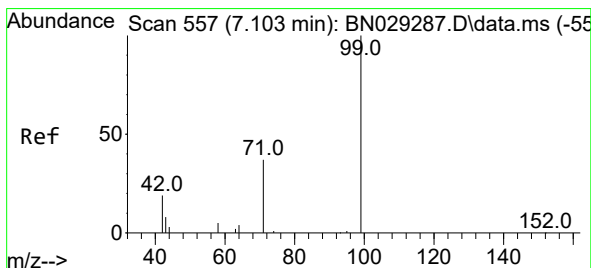
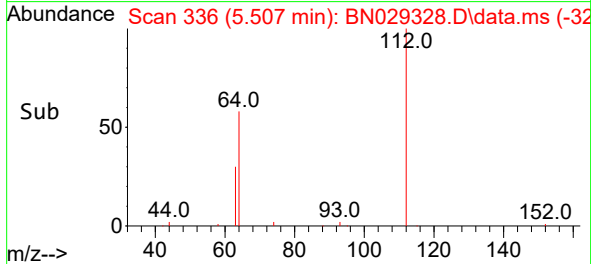
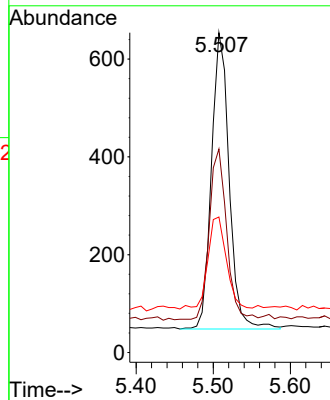
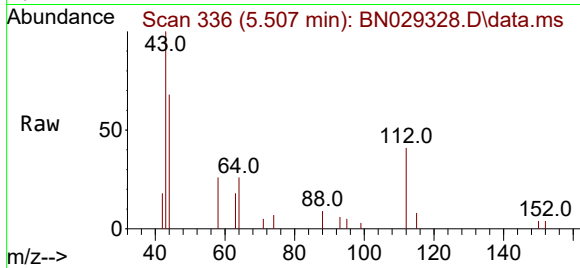
Tgt Ion:112 Resp: 965

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

63 32.6 26.6 39.8



#5

Phenol-d6

Concen: 0.077 ng

RT: 7.103 min Scan# 557

Delta R.T. 0.000 min

Lab File: BN029328.D

Acq: 20 Jan 2024 05:42

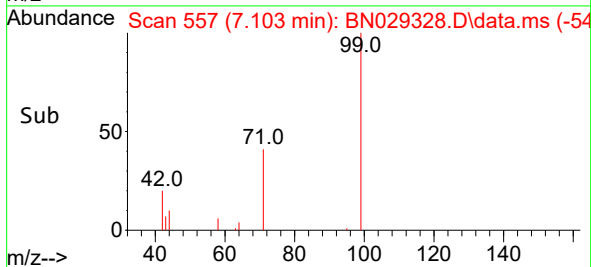
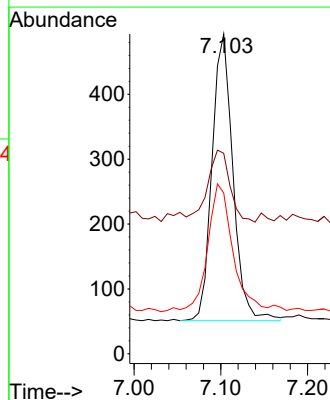
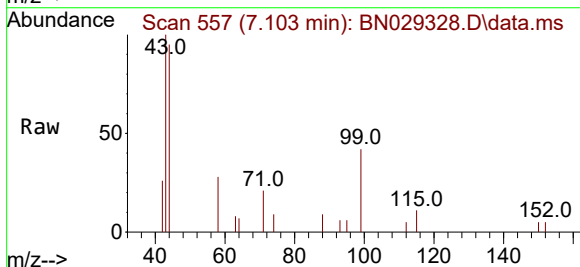
Tgt Ion: 99 Resp: 740

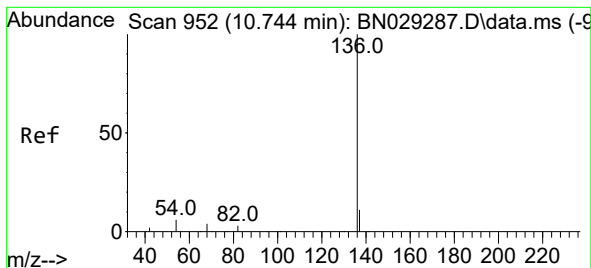
Ion Ratio Lower Upper

99 100

42 26.8 19.1 28.7

71 53.8 31.2 46.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.744 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN029328.D

Acq: 20 Jan 2024 05:42

Instrument :

BNA_N

ClientSampleId :

P3874-SP6

Tgt Ion:136 Resp: 8102

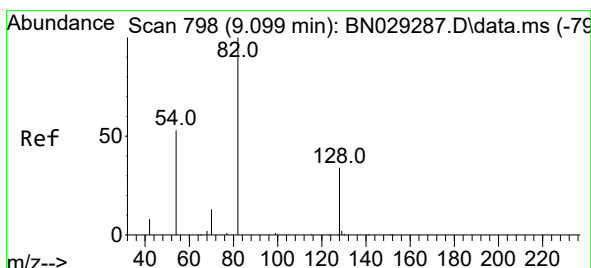
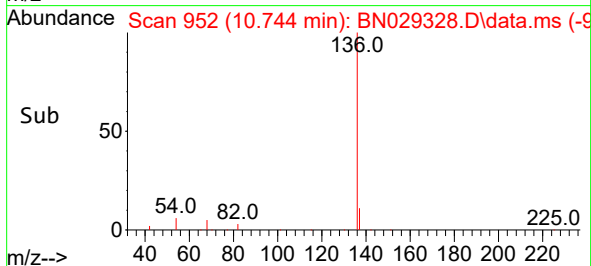
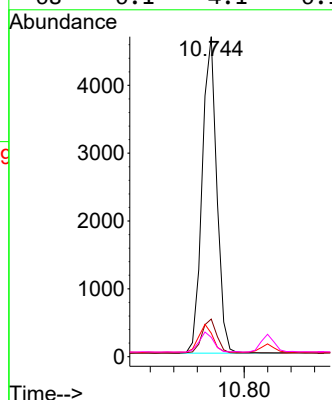
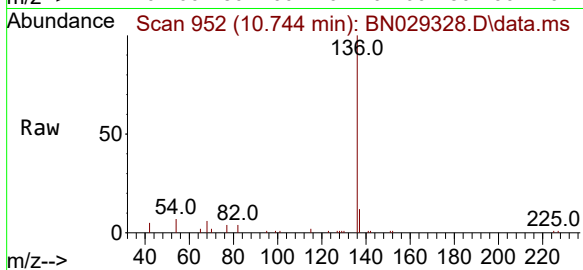
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.4 5.2 7.8

68 6.1 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.257 ng

RT: 9.100 min Scan# 798

Delta R.T. 0.000 min

Lab File: BN029328.D

Acq: 20 Jan 2024 05:42

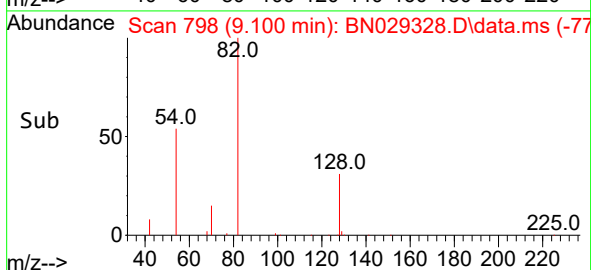
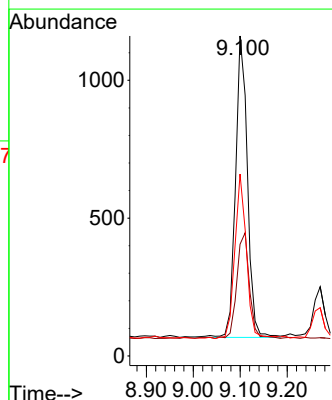
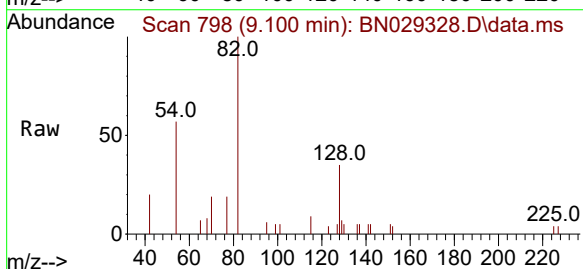
Tgt Ion: 82 Resp: 1928

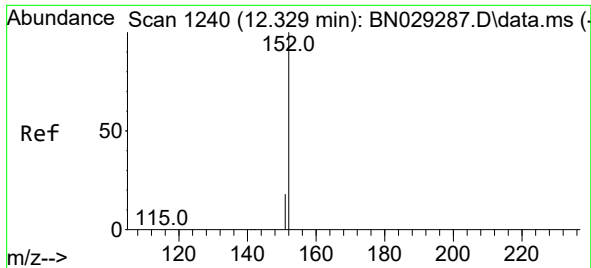
Ion Ratio Lower Upper

82 100

128 34.9 28.6 43.0

54 56.8 42.9 64.3

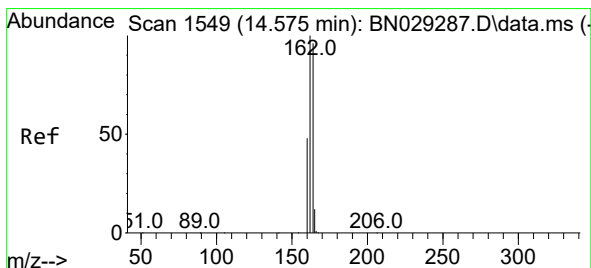
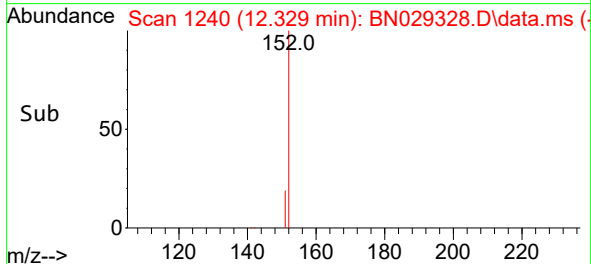
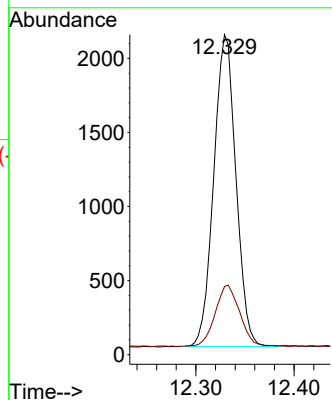
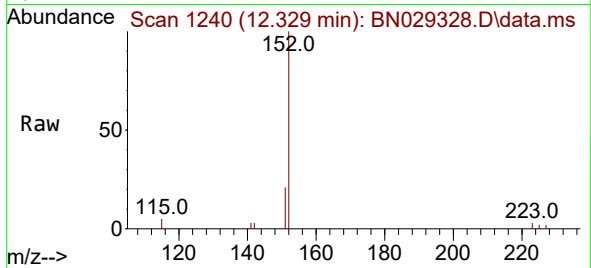




#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.329 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

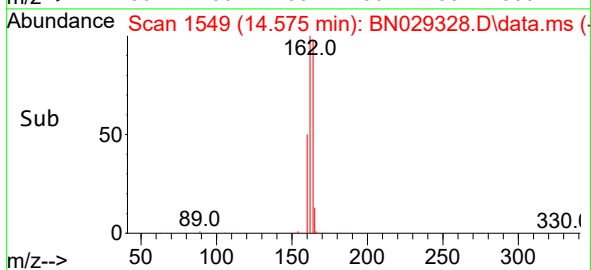
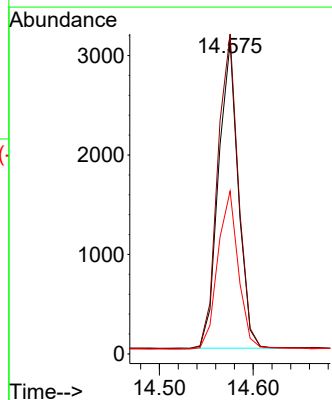
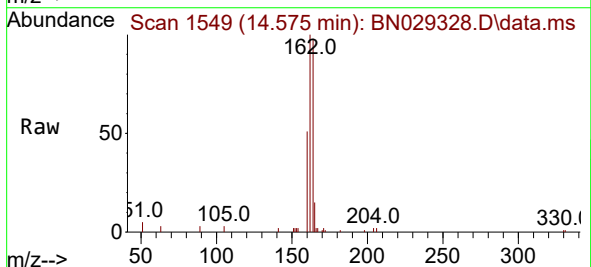
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ClientSampleId :
P3874-SP6

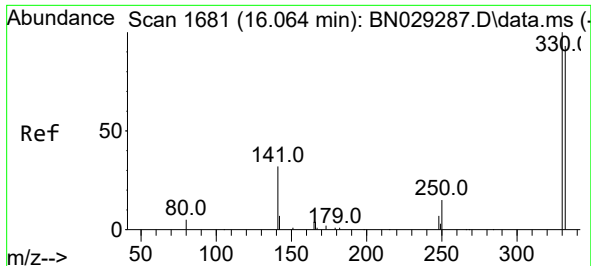
Tgt Ion:152 Resp: 3300
Ion Ratio Lower Upper
152 100
151 21.9 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

Tgt Ion:164 Resp: 4515
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.2
160 52.2 40.6 61.0

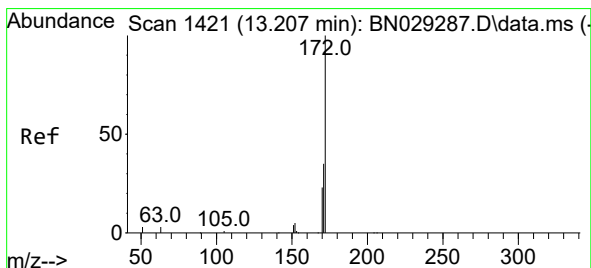
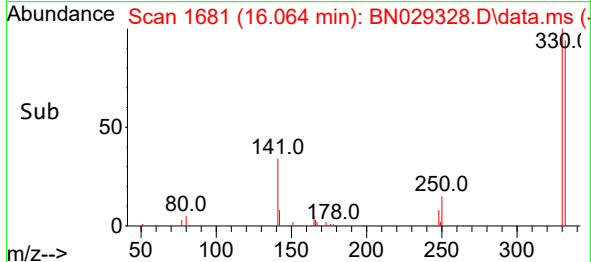
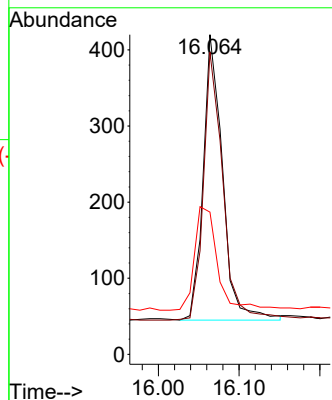
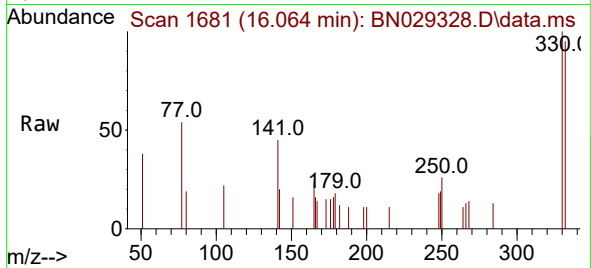




#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 16.064 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

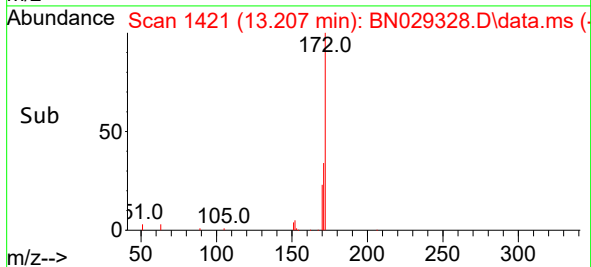
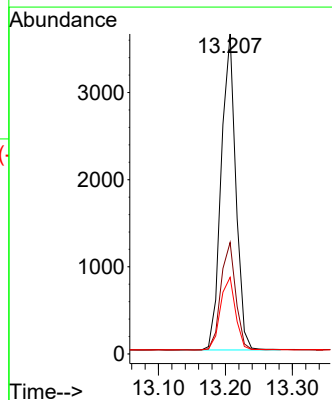
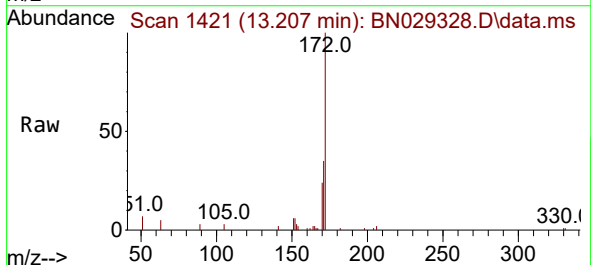
Instrument :
BNA_N
ClientSampleId :
P3874-SP6

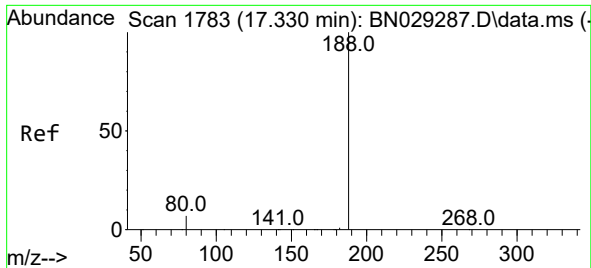
Tgt Ion:330 Resp: 625
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 43.0 34.3 51.5



#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.207 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

Tgt Ion:172 Resp: 5509
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.0 18.7 28.1

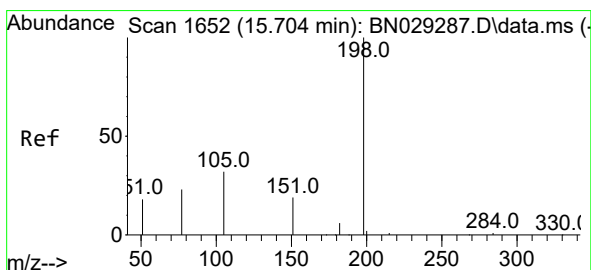
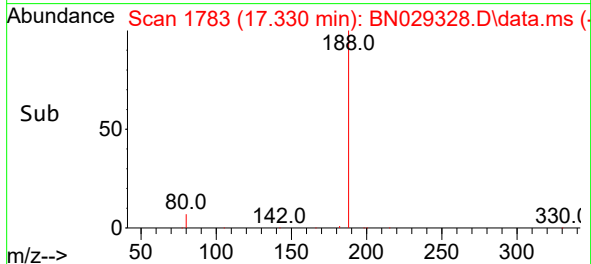
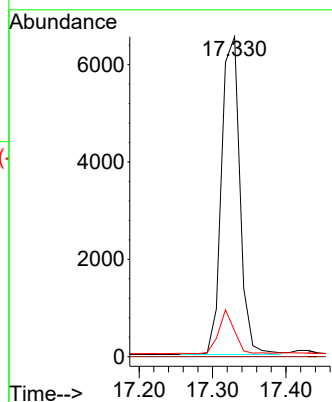
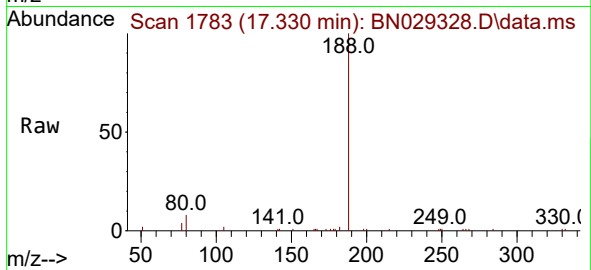




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

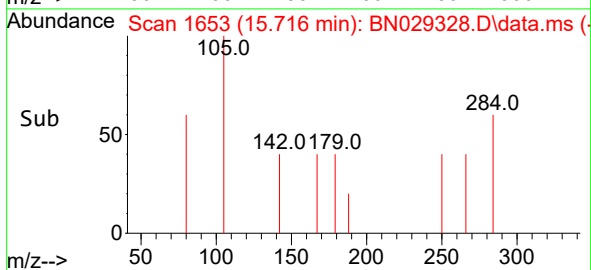
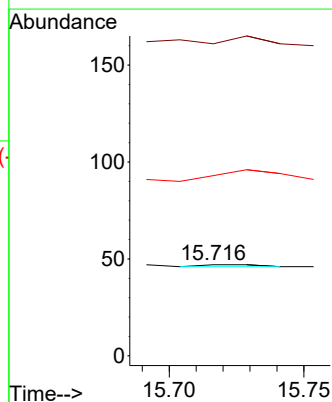
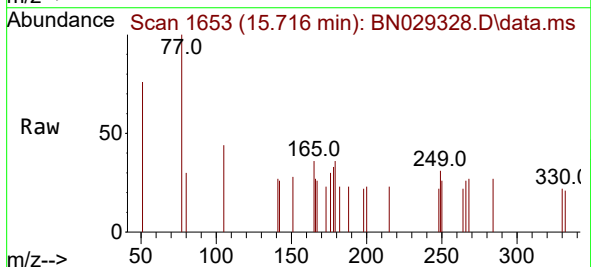
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P3874-SP6

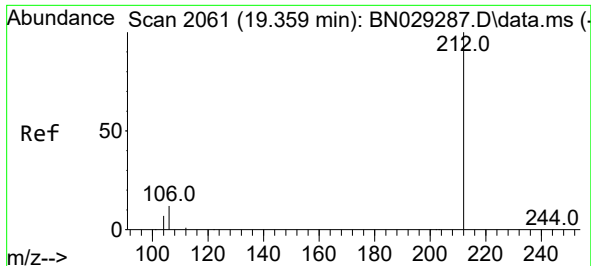
Tgt Ion:188 Resp: 11324
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.7 8.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.716 min Scan# 1653
Delta R.T. 0.013 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 342.6 48.8 73.2#
105 197.9 39.0 58.6#

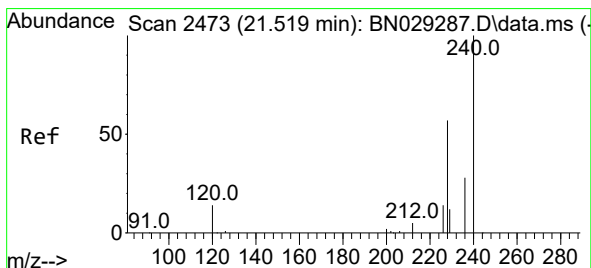
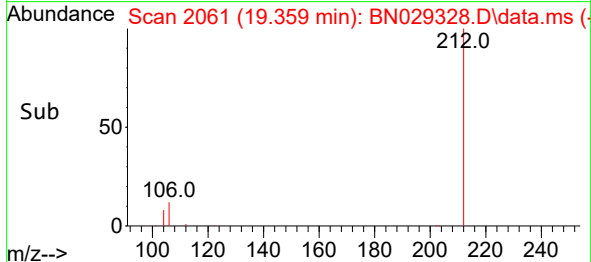
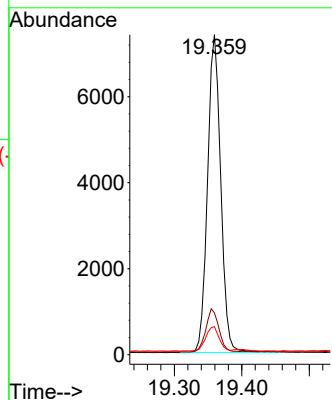
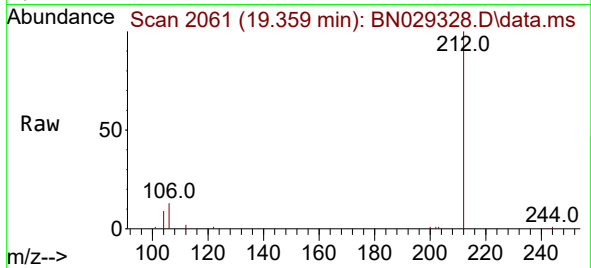




#27
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.359 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

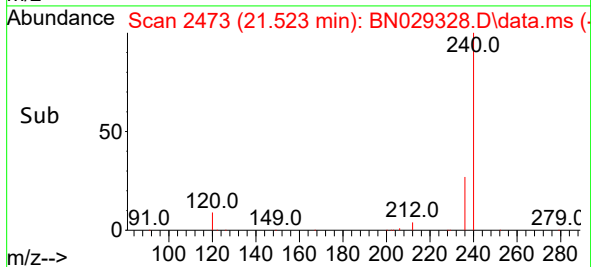
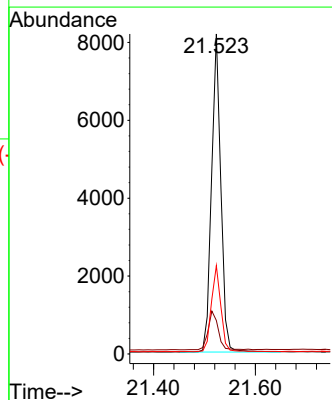
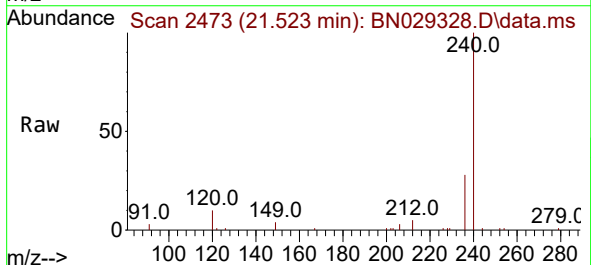
Instrument :
BNA_N
ClientSampleId :
P3874-SP6

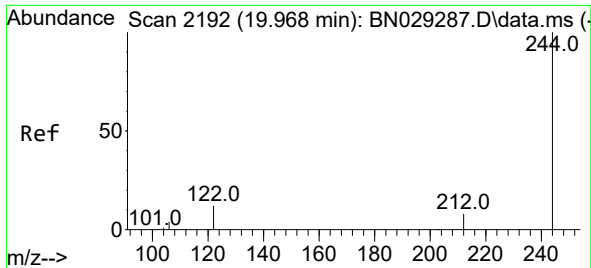
Tgt Ion:212 Resp: 10037
Ion Ratio Lower Upper
212 100
106 13.5 9.9 14.9
104 7.7 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.523 min Scan# 2473
Delta R.T. 0.004 min
Lab File: BN029328.D
Acq: 20 Jan 2024 05:42

Tgt Ion:240 Resp: 10333
Ion Ratio Lower Upper
240 100
120 10.4 11.8 17.8#
236 27.6 22.7 34.1

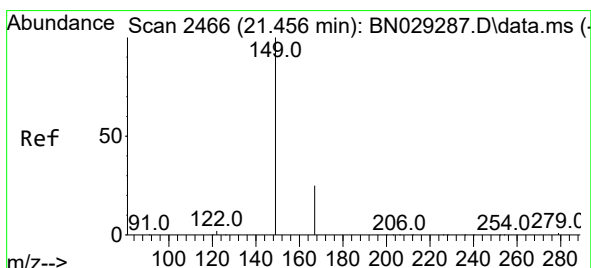
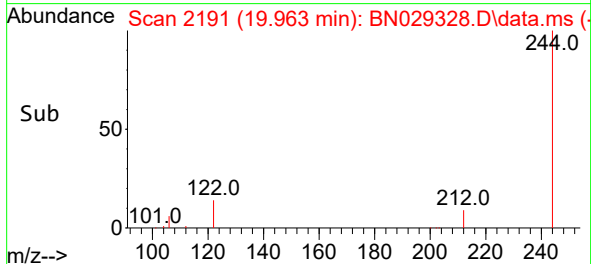
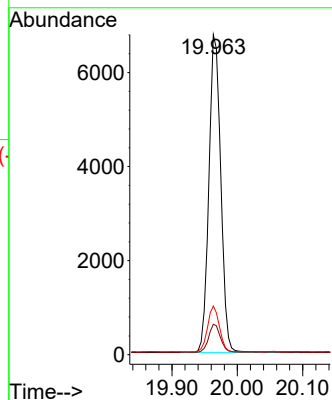
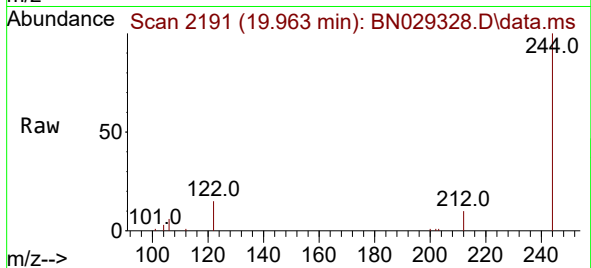




#31
 Terphenyl-d14
 Concen: 0.329 ng
 RT: 19.963 min Scan# 2192
 Delta R.T. -0.004 min
 Lab File: BN029328.D
 Acq: 20 Jan 2024 05:42

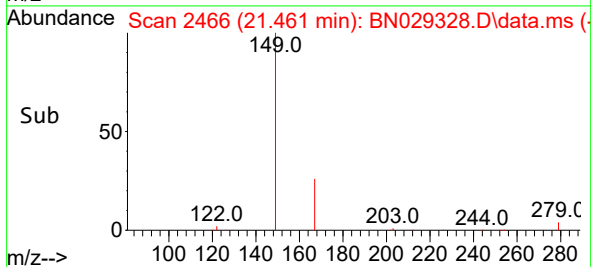
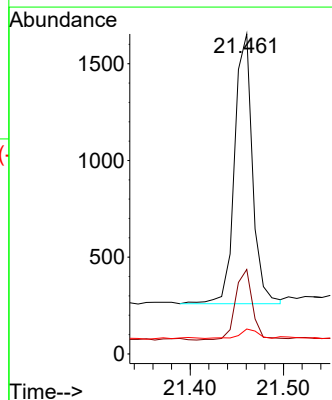
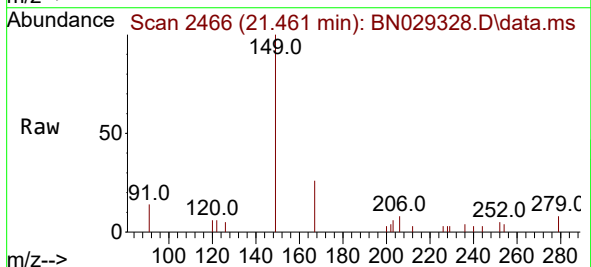
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP6

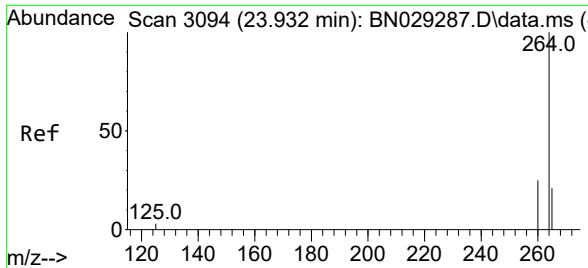
Tgt Ion:244 Resp: 8522
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.0 10.4
 122 15.2 10.2 15.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.461 min Scan# 2466
 Delta R.T. 0.004 min
 Lab File: BN029328.D
 Acq: 20 Jan 2024 05:42

Tgt Ion:149 Resp: 1869
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.3 30.5
 279 3.4 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.930 min Scan# 3092
 Delta R.T. -0.001 min
 Lab File: BN029328.D
 Acq: 20 Jan 2024 05:42

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP6

Tgt Ion:	264	Resp:	9779
Ion Ratio	Lower	Upper	
264	100		
260	26.5	20.7	31.1
265	32.8	21.4	32.0

