

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033237.D
 Acq On : 03 Aug 2024 14:00
 Operator : MA/JU
 Sample : P3426-02RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WS-073124-FDRE

Quant Time: Aug 05 03:27:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

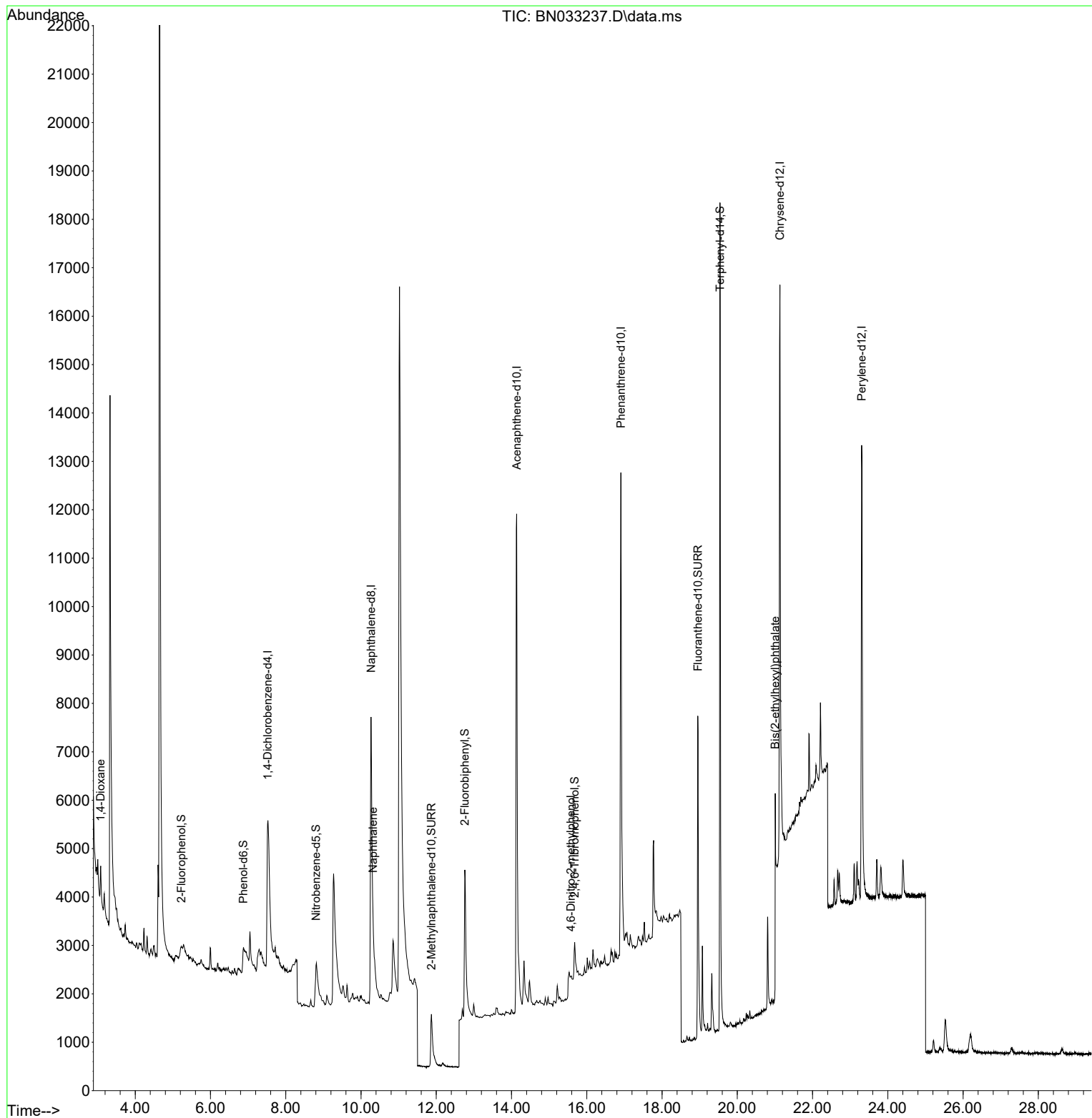
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.517	152	4565	0.400	ng	0.01
7) Naphthalene-d8	10.265	136	16642	0.400	ng	#-0.02
13) Acenaphthene-d10	14.137	164	9402	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	19875	0.400	ng	-0.01
29) Chrysene-d12	21.134	240	14622	0.400	ng	# 0.00
35) Perylene-d12	23.306	264	14874	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1248	0.108	ng	-0.01
5) Phenol-d6	6.874	99	1792	0.125	ng	0.00
8) Nitrobenzene-d5	8.803	82	1884	0.150	ng	-0.01
11) 2-Methylnaphthalene-d10	11.871	152	3396	0.133	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	615	0.153	ng	-0.04
15) 2-Fluorobiphenyl	12.758	172	5686	0.162	ng	-0.03
27) Fluoranthene-d10	18.950	212	9116	0.177	ng	0.00
31) Terphenyl-d14	19.540	244	19950	0.666	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.083	88	642	0.114	ng	# 54
9) Naphthalene	10.319	128	958	0.021	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.580	198	8	0.295	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	3357	0.131	ng	# 98

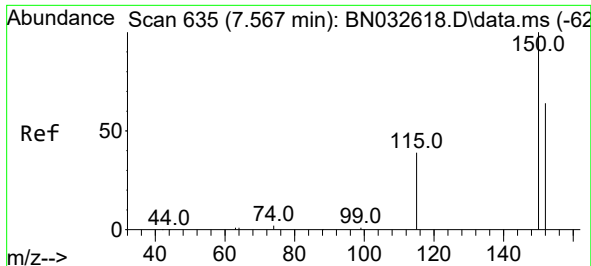
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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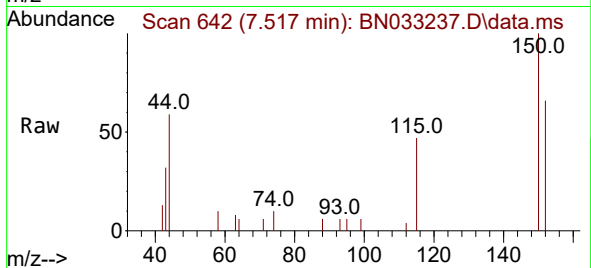
Quant Time: Aug 05 03:27:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
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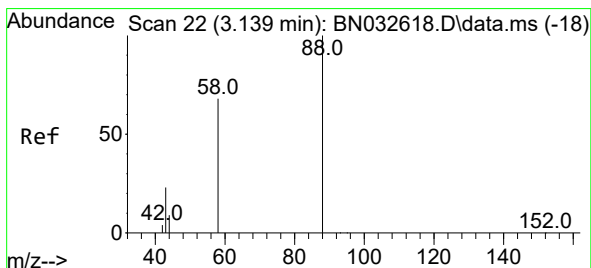
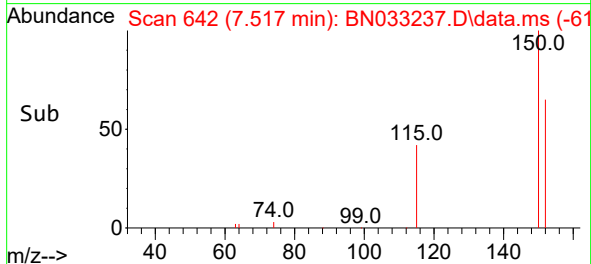
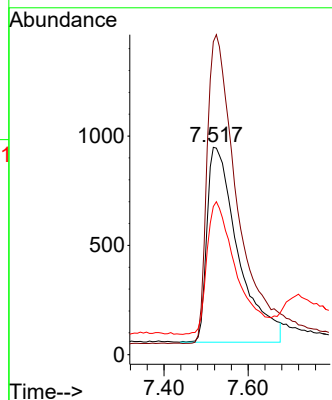


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.517 min Scan# 64
 Delta R.T. 0.014 min
 Lab File: BN033237.D
 Acq: 03 Aug 2024 14:00

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WS-073124-FDRE

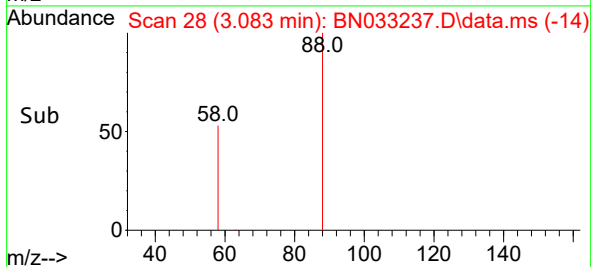
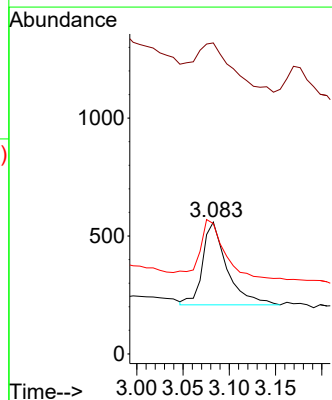
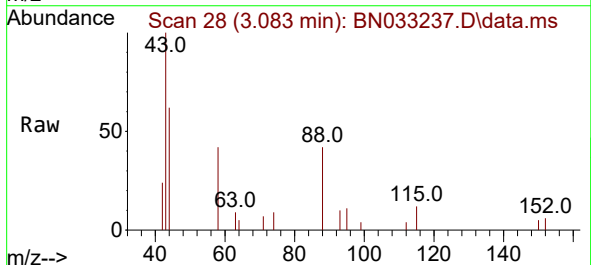


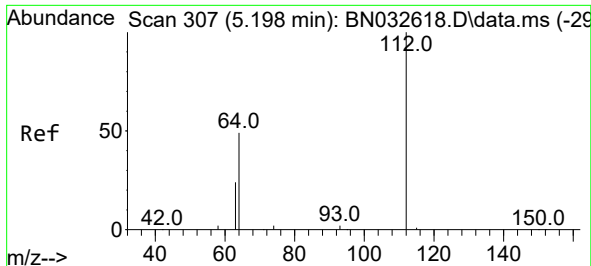
Tgt Ion:152 Resp: 4565
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.8 185.6
 115 71.4 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.114 ng
 RT: 3.083 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: BN033237.D
 Acq: 03 Aug 2024 14:00

Tgt Ion: 88 Resp: 642
 Ion Ratio Lower Upper
 88 100
 43 87.1 18.4 27.6#
 58 72.0 49.2 73.8





#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.228 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN033237.D

Acq: 03 Aug 2024 14:00

Instrument :

BNA_N

ClientSampleId :

927-K1-WS-073124-FDRE

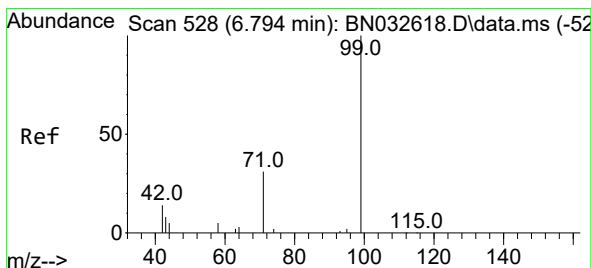
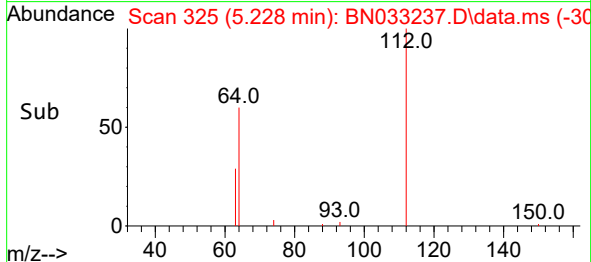
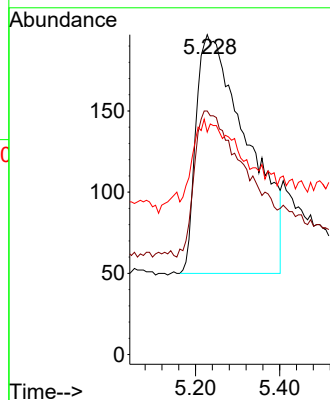
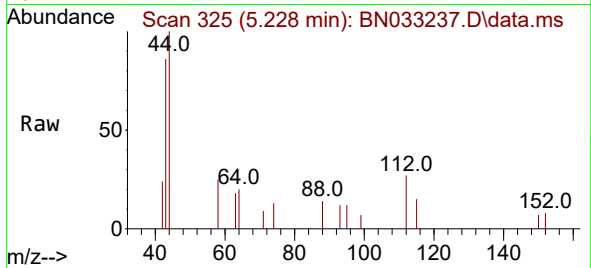
Tgt Ion:112 Resp: 1248

Ion Ratio Lower Upper

112 100

64 62.3 40.2 60.4#

63 9.6 22.2 33.4#



#5

Phenol-d6

Concen: 0.125 ng

RT: 6.874 min Scan# 553

Delta R.T. -0.007 min

Lab File: BN033237.D

Acq: 03 Aug 2024 14:00

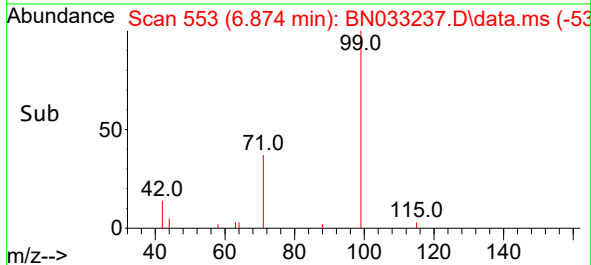
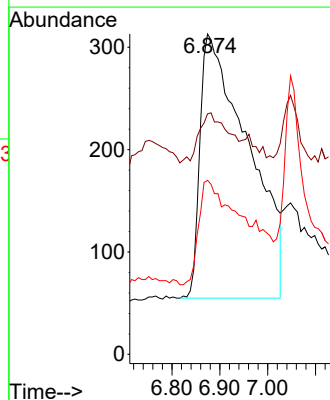
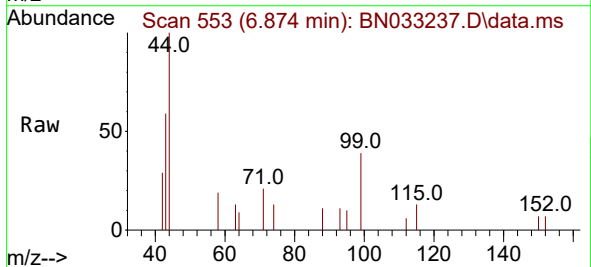
Tgt Ion: 99 Resp: 1792

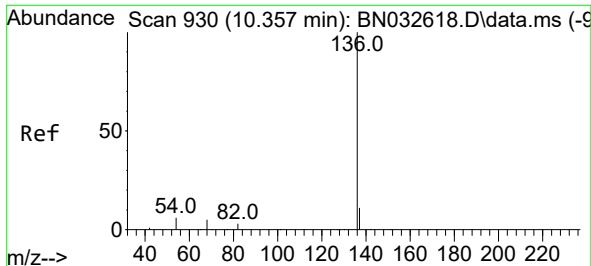
Ion Ratio Lower Upper

99 100

42 11.4 10.5 15.7

71 39.3 22.3 33.5#

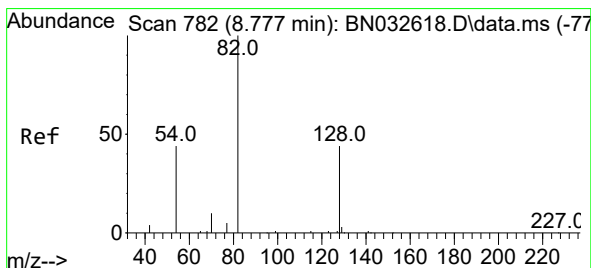
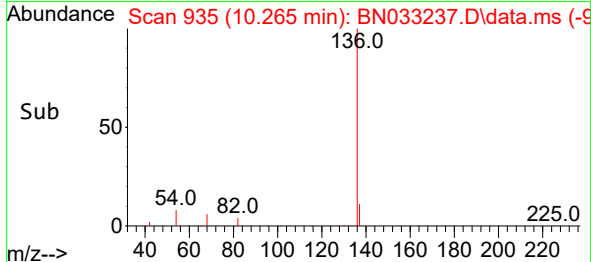
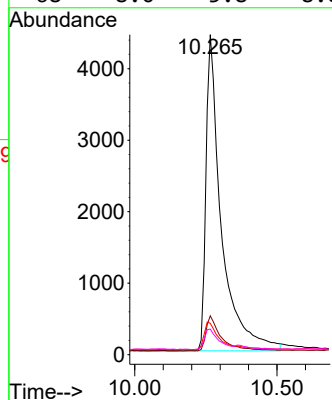
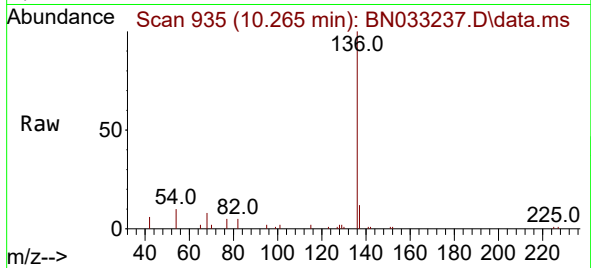




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.265 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

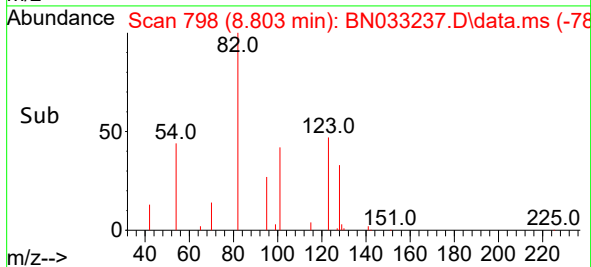
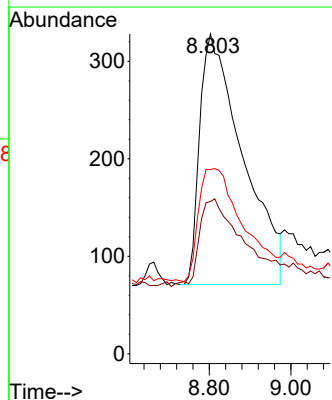
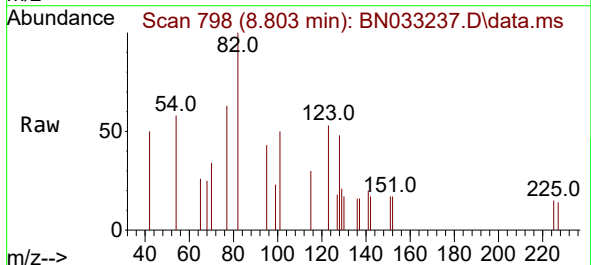
Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FDRE

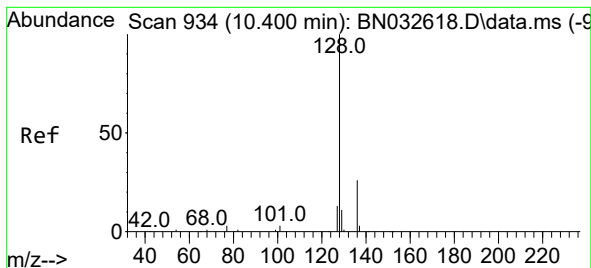
Tgt Ion:	136	Resp:	16642
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.9	14.9
54	9.8	6.5	9.7#
68	8.0	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.150 ng
RT: 8.803 min Scan# 798
Delta R.T. -0.011 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Tgt Ion:	82	Resp:	1884
Ion	Ratio	Lower	Upper
82	100		
128	47.6	41.7	62.5
54	57.6	39.5	59.3





#9

Naphthalene

Concen: 0.021 ng

RT: 10.319 min Scan# 94

Delta R.T. -0.021 min

Lab File: BN033237.D

Acq: 03 Aug 2024 14:00

Instrument :

BNA_N

ClientSampleId :

927-K1-WS-073124-FDRE

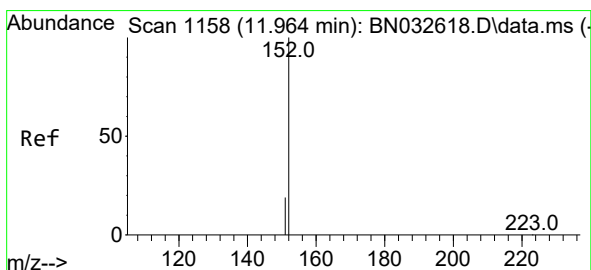
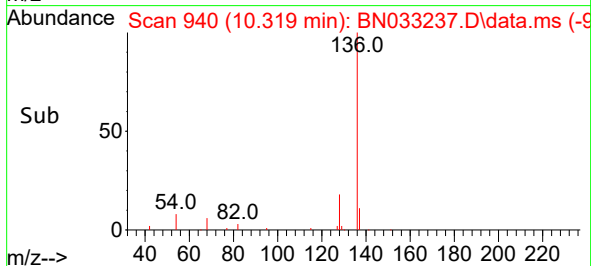
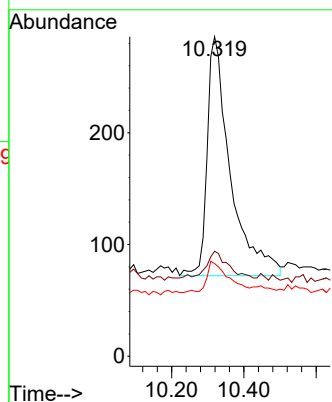
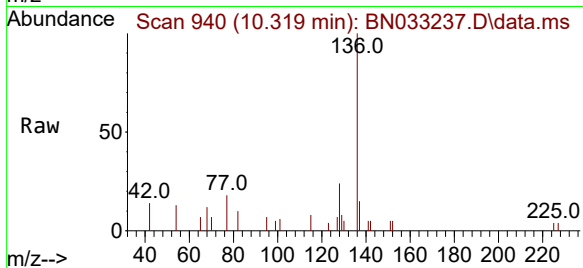
Tgt Ion:128 Resp: 958

Ion Ratio Lower Upper

128 100

129 32.9 9.8 14.8#

127 29.0 11.5 17.3#



#11

2-Methylnaphthalene-d10

Concen: 0.133 ng

RT: 11.871 min Scan# 1148

Delta R.T. -0.030 min

Lab File: BN033237.D

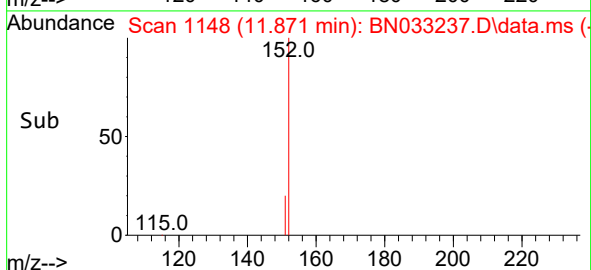
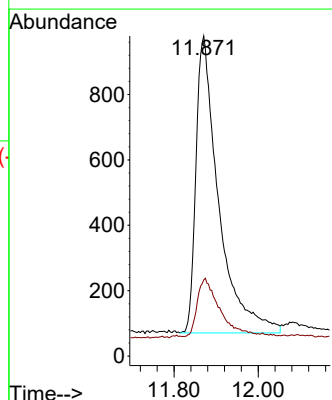
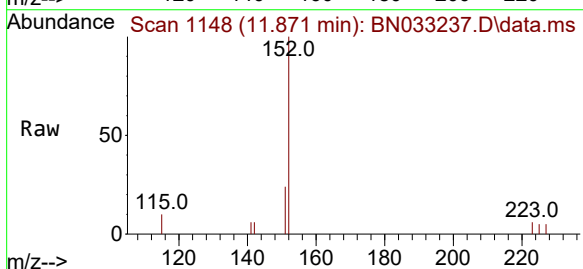
Acq: 03 Aug 2024 14:00

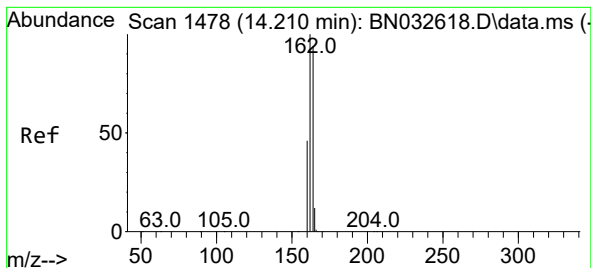
Tgt Ion:152 Resp: 3396

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.137 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN033237.D

Acq: 03 Aug 2024 14:00

Instrument :

BNA_N

ClientSampleId :

927-K1-WS-073124-FDRE

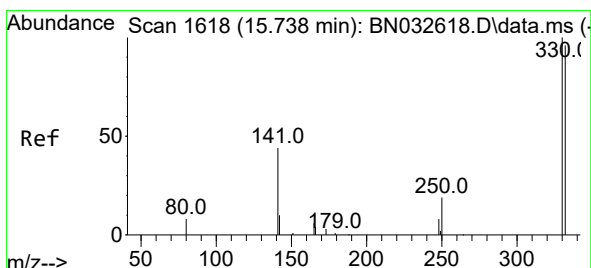
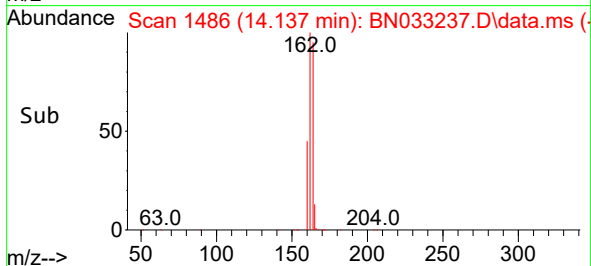
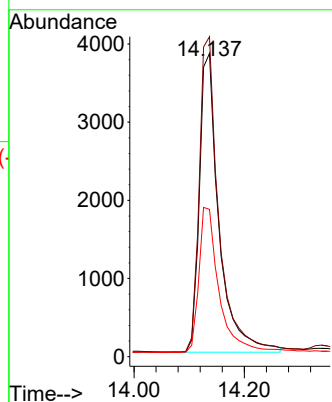
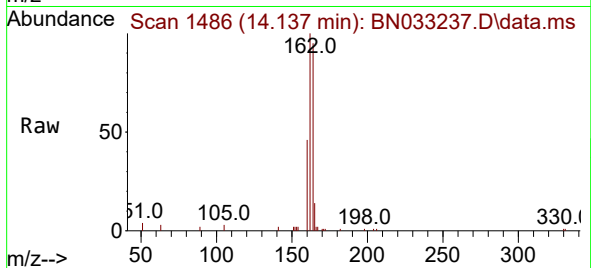
Tgt Ion:164 Resp: 9402

Ion Ratio Lower Upper

164 100

162 105.5 85.0 127.4

160 48.6 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.153 ng

RT: 15.679 min Scan# 1628

Delta R.T. -0.037 min

Lab File: BN033237.D

Acq: 03 Aug 2024 14:00

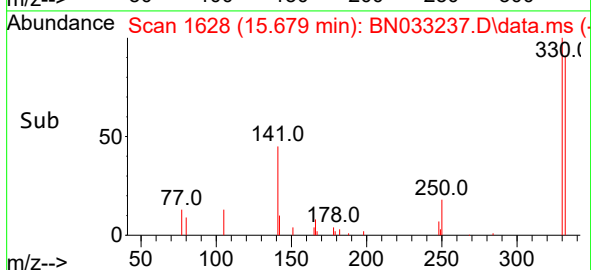
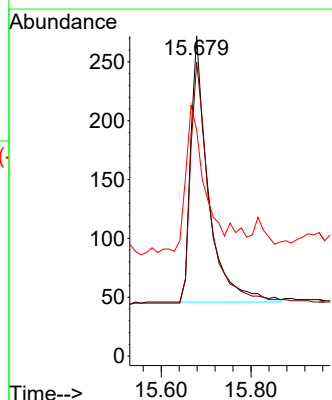
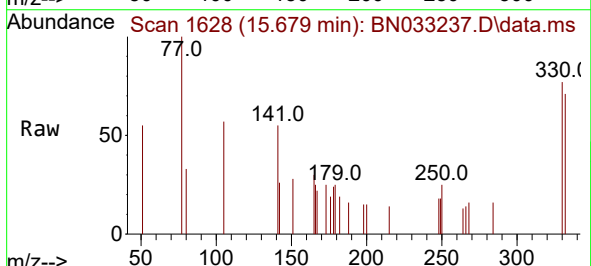
Tgt Ion:330 Resp: 615

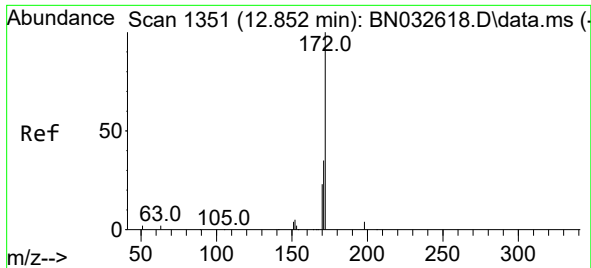
Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 47.6 34.2 51.2

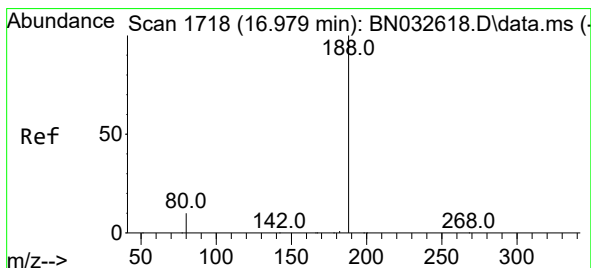
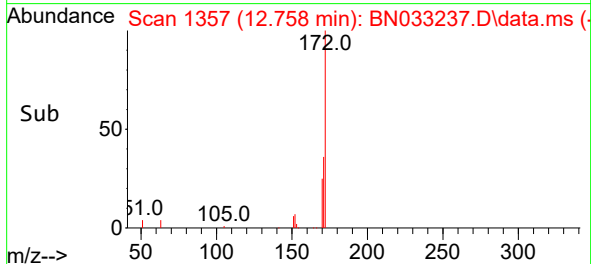
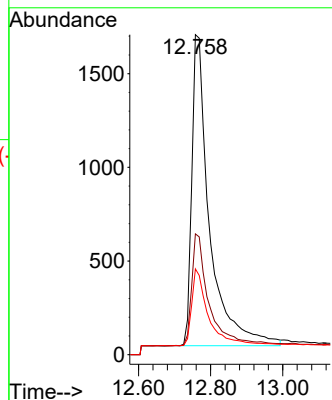
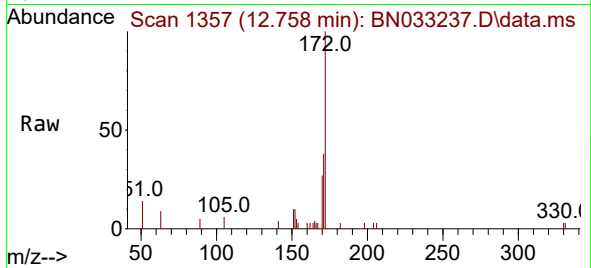




#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 12.758 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

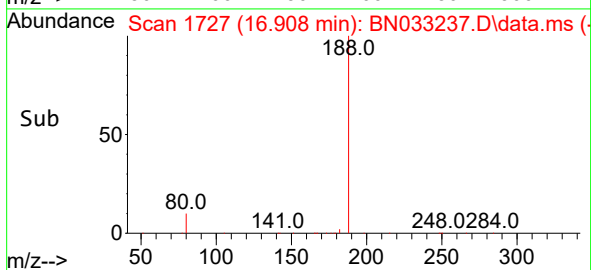
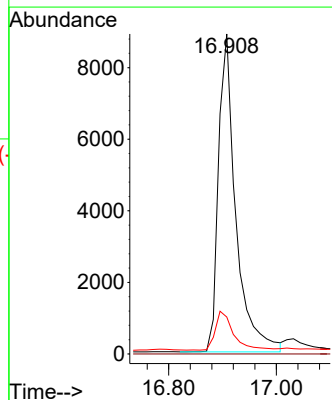
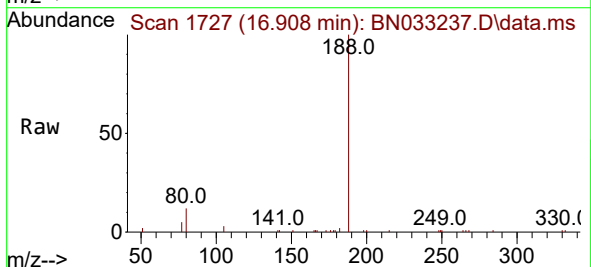
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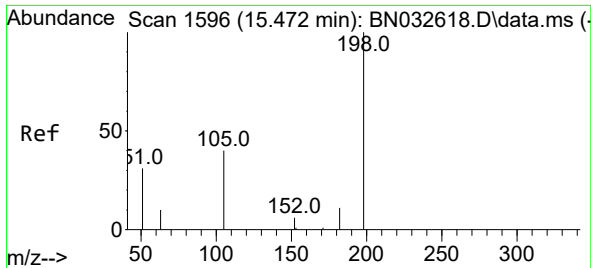
Tgt Ion:172 Resp: 5686
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 26.8 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.908 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Tgt Ion:188 Resp: 19875
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 8.8 13.2

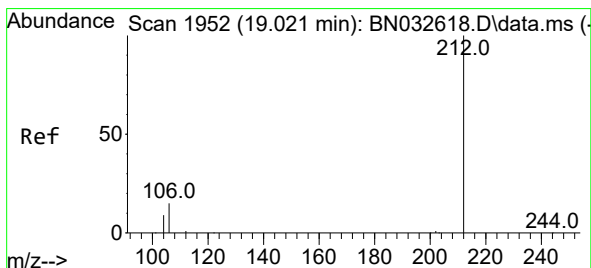
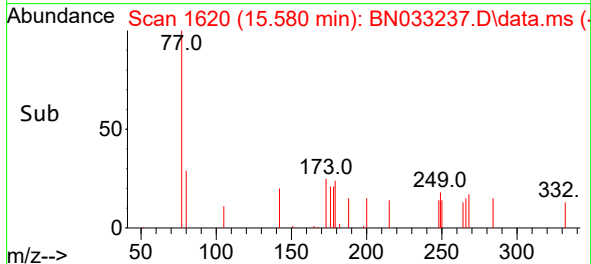
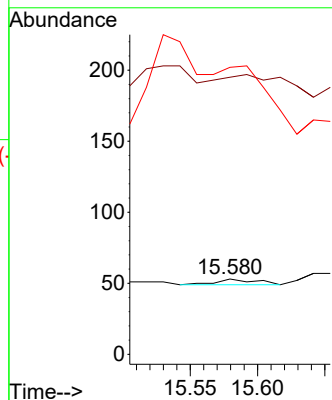
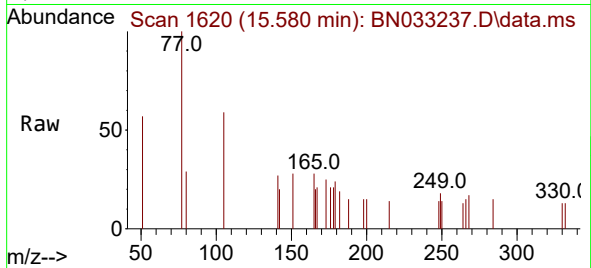




#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.580 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

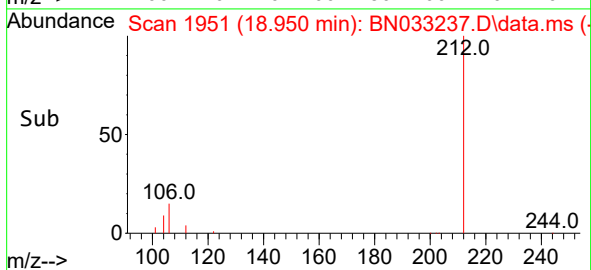
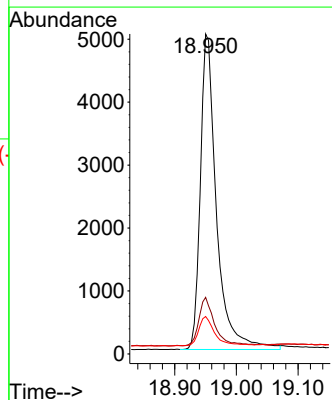
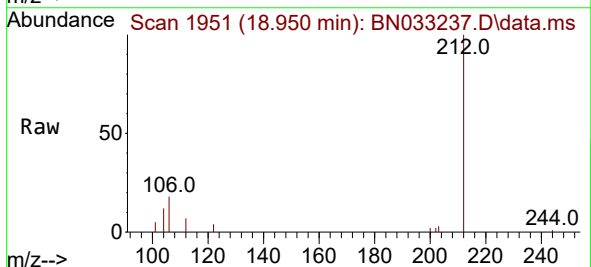
Instrument :
BNA_N
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927-K1-WS-073124-FDRE

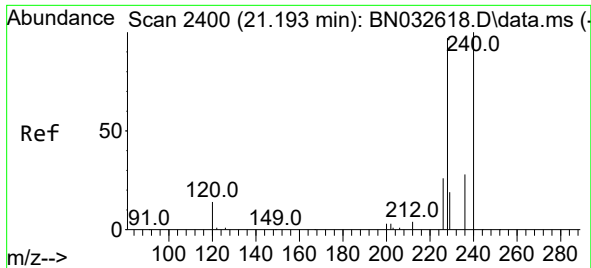
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 367.9 105.7 158.5#
105 381.1 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 18.950 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Tgt Ion:212 Resp: 9116
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 9.2 6.9 10.3

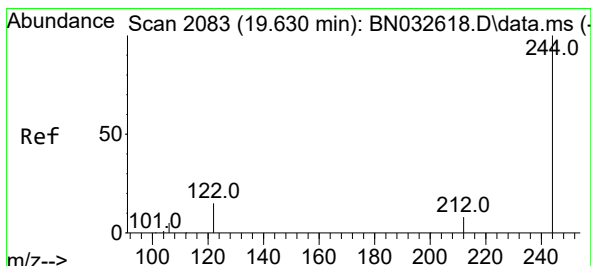
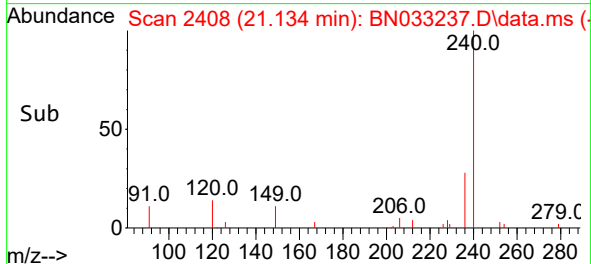
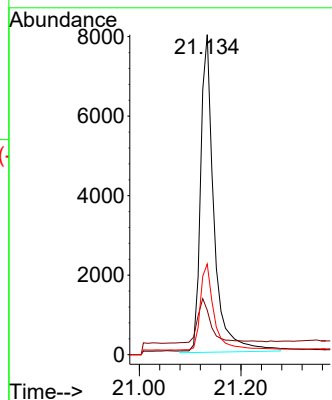
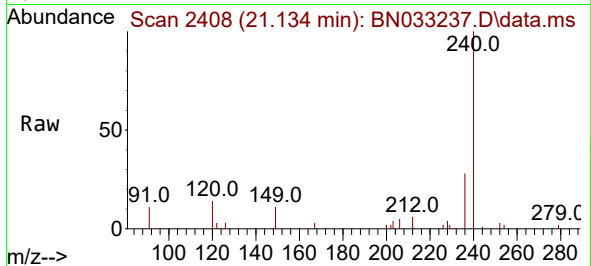




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.134 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

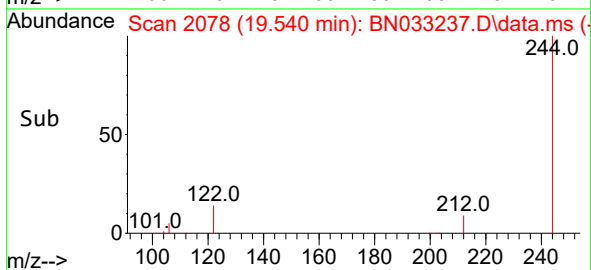
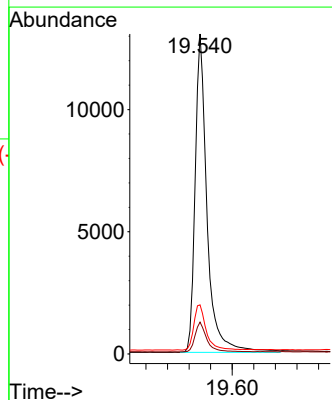
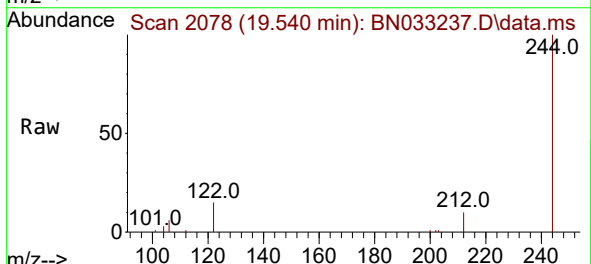
Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FDRE

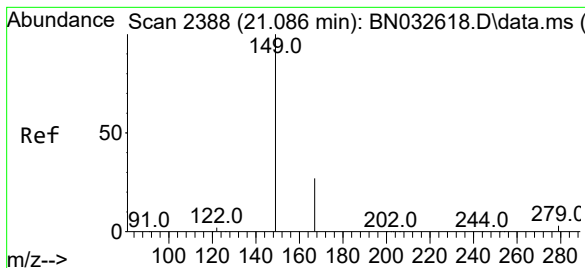
Tgt Ion:240 Resp: 14622
Ion Ratio Lower Upper
240 100
120 13.9 14.8 22.2#
236 28.4 23.3 34.9



#31
Terphenyl-d14
Concen: 0.666 ng
RT: 19.540 min Scan# 2078
Delta R.T. -0.023 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Tgt Ion:244 Resp: 19950
Ion Ratio Lower Upper
244 100
212 9.9 7.5 11.3
122 15.4 12.6 19.0

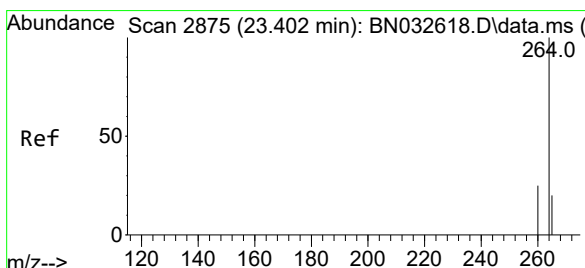
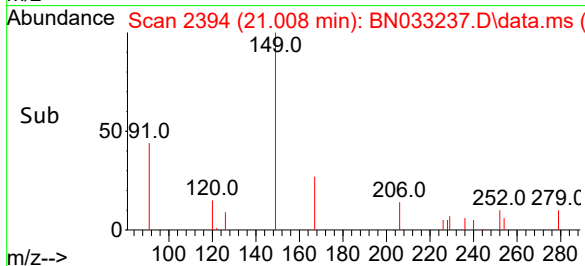
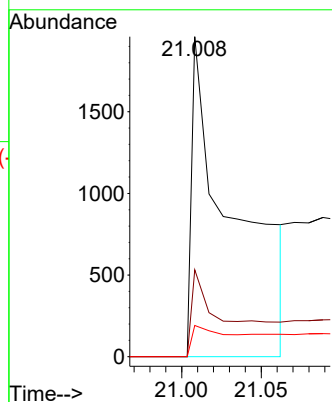
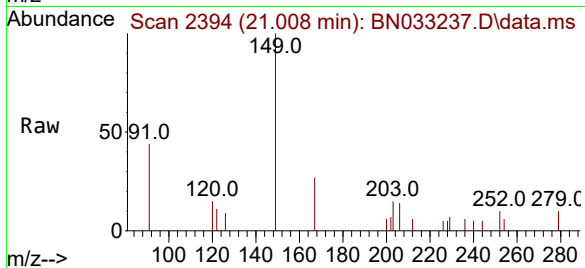




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.008 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FDRE

Tgt Ion:149 Resp: 3357
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 8.0 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.306 min Scan# 2858
Delta R.T. -0.009 min
Lab File: BN033237.D
Acq: 03 Aug 2024 14:00

Tgt Ion:264 Resp: 14874
Ion Ratio Lower Upper
264 100
260 26.5 20.9 31.3
265 54.2 85.4 128.2#

