

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
 Data File : BN033274.D
 Acq On : 06 Aug 2024 15:32
 Operator : MA/JU
 Sample : P3458-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-70-150

Quant Time: Aug 06 16:01:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

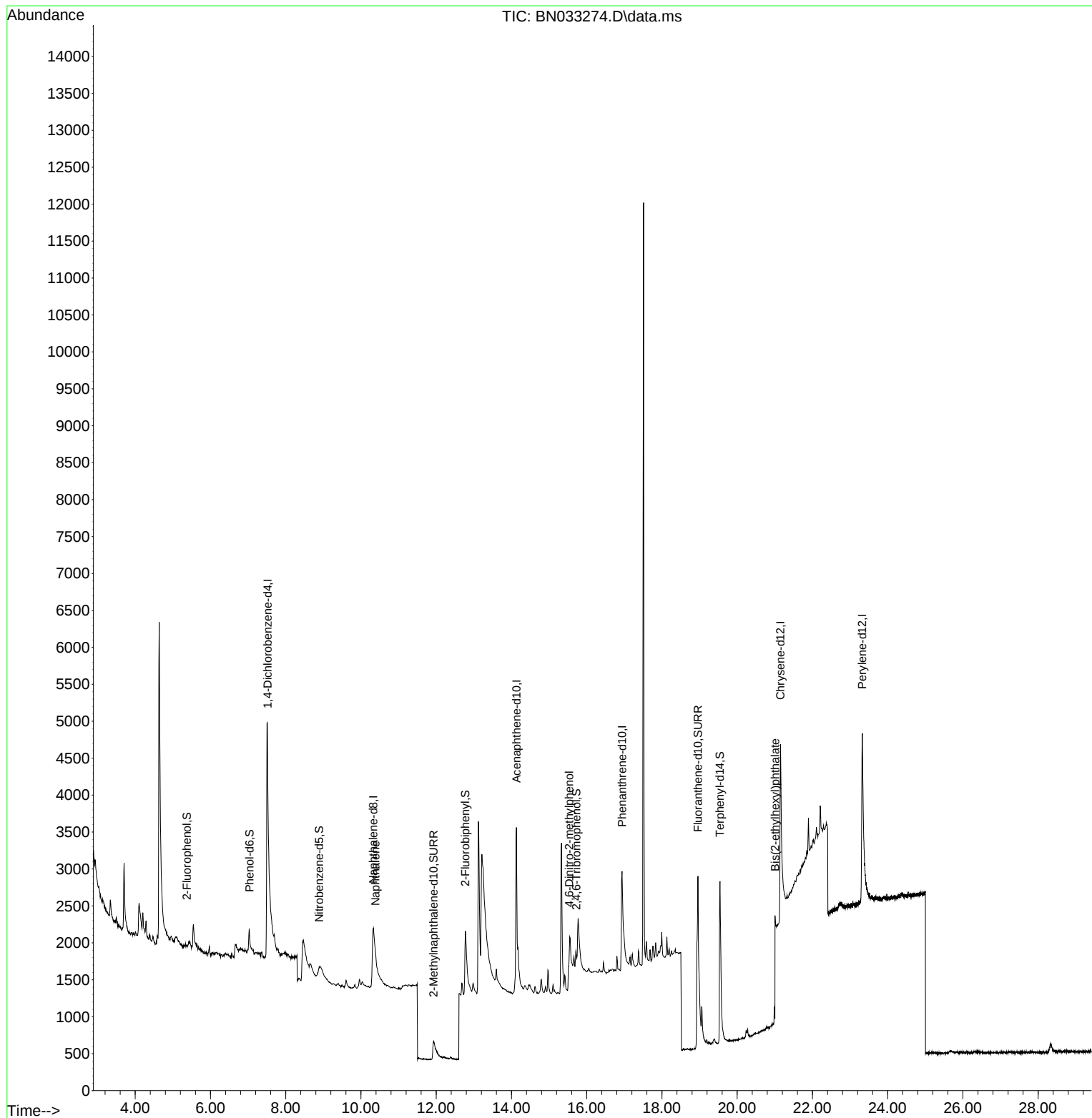
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.517	152	708	0.400	ng	0.00
7) Naphthalene-d8	10.329	136	2817	0.400	ng	# 0.01
13) Acenaphthene-d10	14.133	164	1929	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	4436	0.400	ng	0.02
29) Chrysene-d12	21.149	240	4905	0.400	ng	# 0.02
35) Perylene-d12	23.324	264	5661	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.372	112	124	0.071	ng	0.08
5) Phenol-d6	7.040	99	123	0.051	ng	0.05
8) Nitrobenzene-d5	8.888	82	671	0.296	ng	-0.03
11) 2-Methylnaphthalene-d10	11.927	152	1233	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.723	330	256	0.356	ng	0.00
15) 2-Fluorobiphenyl	12.775	172	2204	0.334	ng	-0.03
27) Fluoranthene-d10	18.957	212	4986	0.402	ng	0.00
31) Terphenyl-d14	19.542	244	4788	0.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	10	Below Cal	#	25
9) Naphthalene	10.383	128	238	0.031	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.537	198	3	0.252	ng	# 25
34) Bis(2-ethylhexyl)phtha...	21.006	149	1599	0.471	ng	# 72

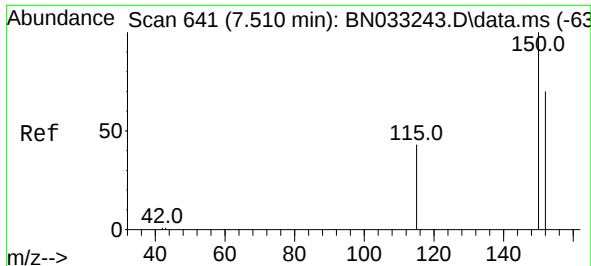
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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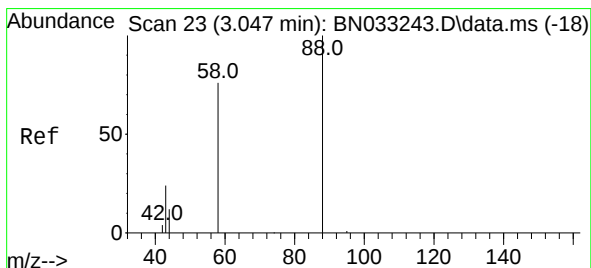
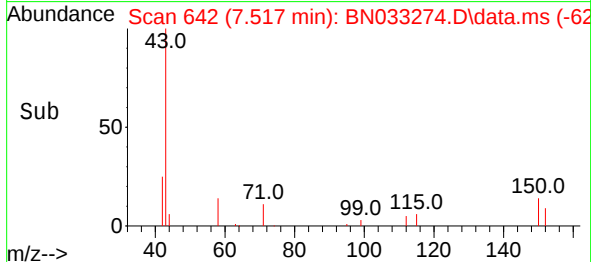
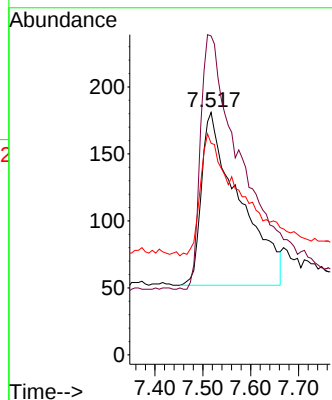
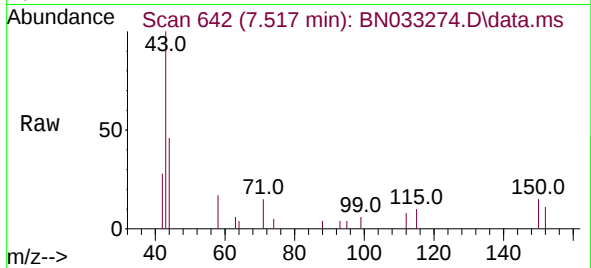




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.517 min Scan# 641
Delta R.T. 0.007 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

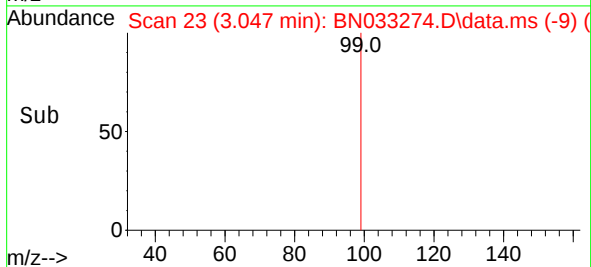
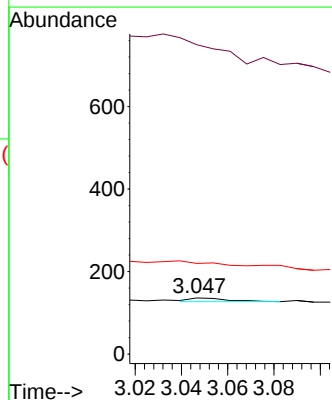
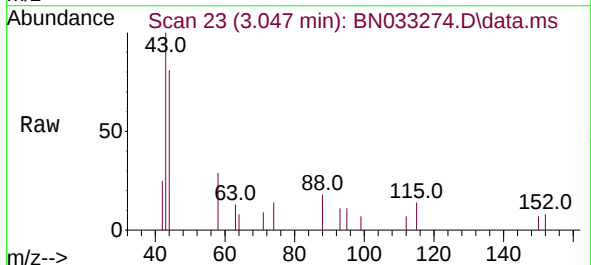
Instrument :
BNA_N
ClientSampleId :
EB-70-150

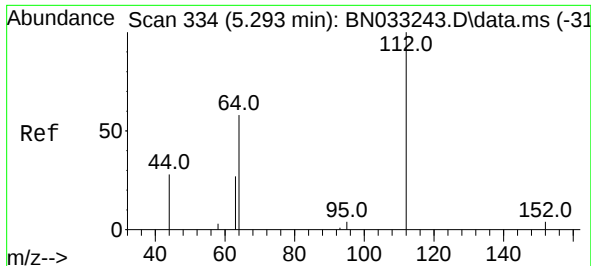
Tgt Ion:152 Resp: 708
Ion Ratio Lower Upper
152 100
150 131.5 108.2 162.2
115 87.3 70.5 105.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion: 88 Resp: 10
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 0.0 54.5 81.7#

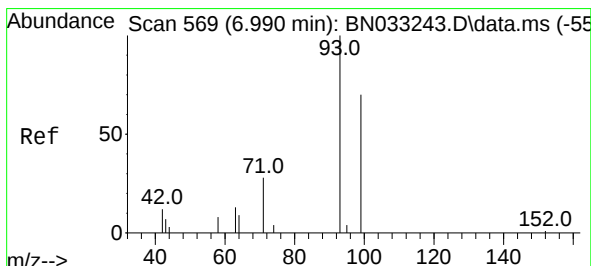
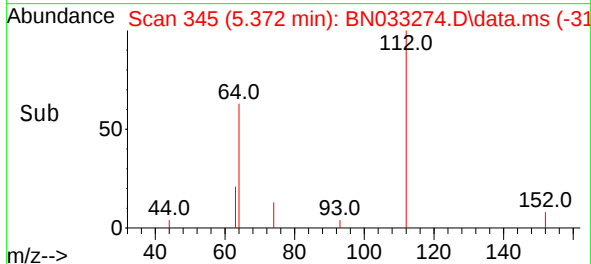
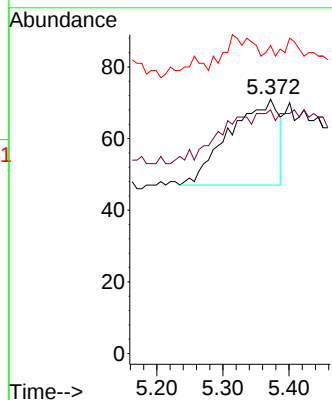
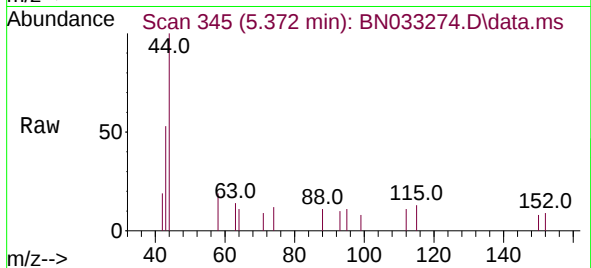




#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.372 min Scan# 345
Delta R.T. 0.079 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

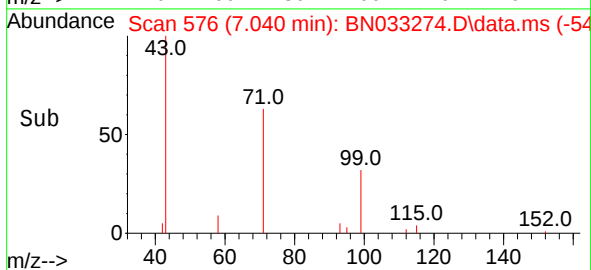
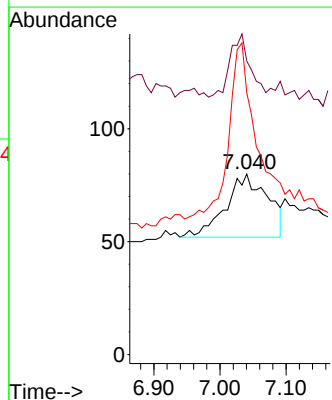
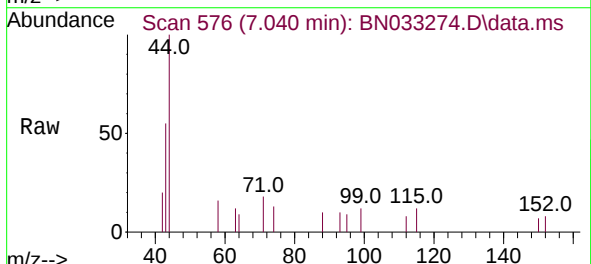
Instrument :
BNA_N
ClientSampleId :
EB-70-150

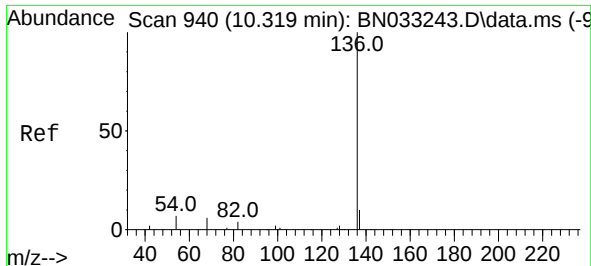
Tgt Ion:112 Resp: 124
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 0.0 0.0 0.0



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.040 min Scan# 576
Delta R.T. 0.050 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion: 99 Resp: 123
Ion Ratio Lower Upper
99 100
42 48.0 0.0 0.0#
71 229.3 0.0 0.0#

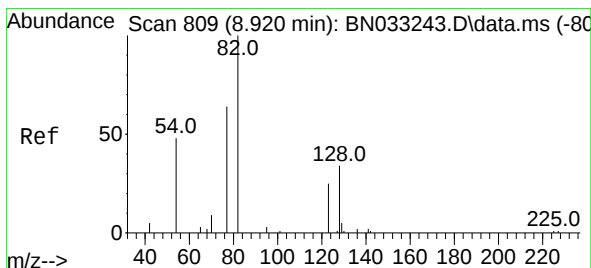
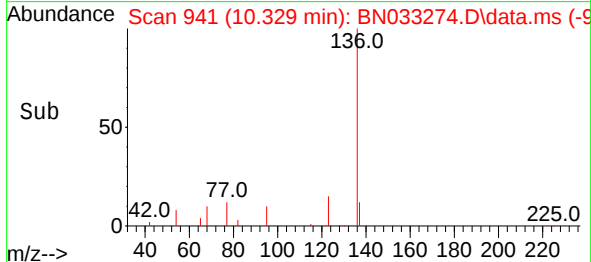
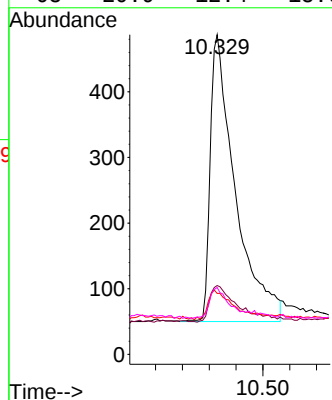
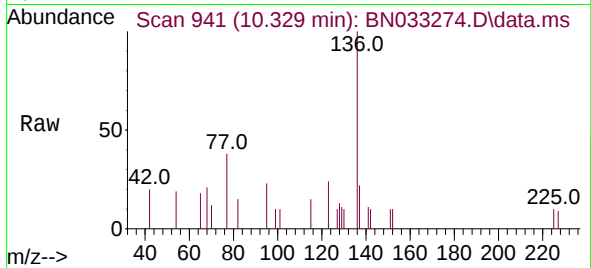




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.329 min Scan# 941
Delta R.T. 0.010 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

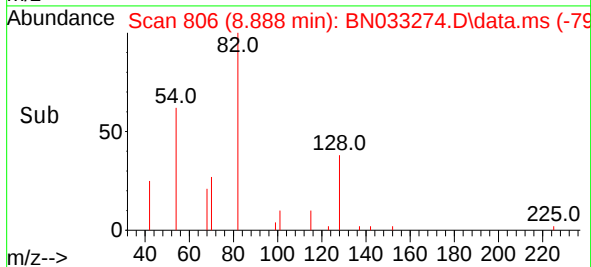
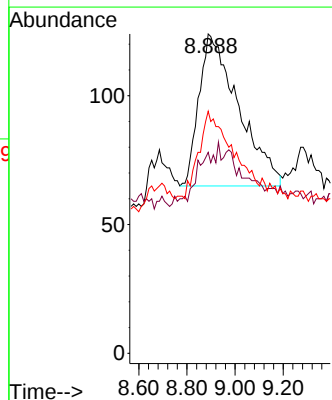
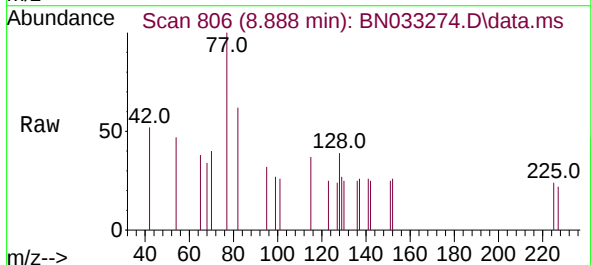
Instrument :
BNA_N
ClientSampleId :
EB-70-150

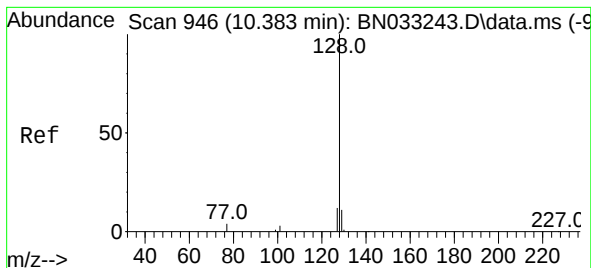
Tgt Ion:136	Resp:	2817
Ion	Ratio	Lower Upper
136	100	
137	21.6	14.1 21.1#
54	19.1	13.8 20.8
68	20.9	12.4 18.6#



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.888 min Scan# 806
Delta R.T. -0.032 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion: 82	Resp:	671
Ion	Ratio	Lower Upper
82	100	
128	62.9	54.8 82.2
54	75.8	55.9 83.9





#9

Naphthalene

Concen: 0.031 ng

RT: 10.383 min Scan# 946

Delta R.T. -0.000 min

Lab File: BN033274.D

Acq: 06 Aug 2024 15:32

Instrument :

BNA_N

ClientSampleId :

EB-70-150

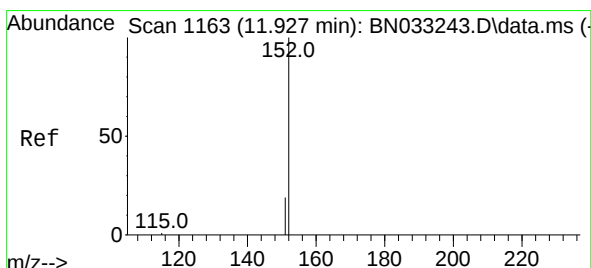
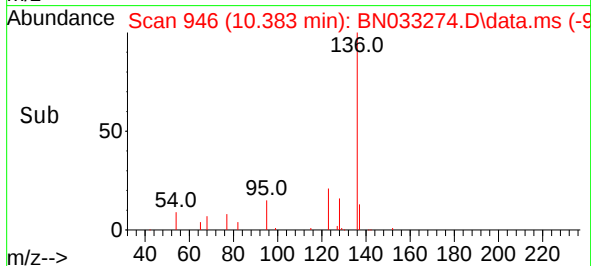
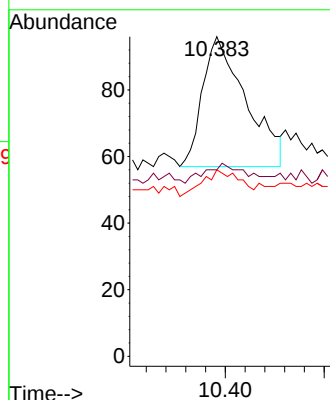
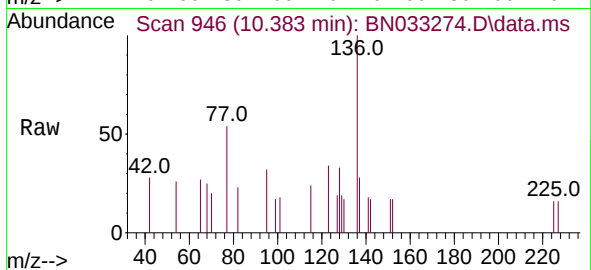
Tgt Ion:128 Resp: 238

Ion Ratio Lower Upper

128 100

129 58.3 15.4 23.0#

127 58.3 15.8 23.6#



#11

2-Methylnaphthalene-d10

Concen: 0.295 ng

RT: 11.927 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BN033274.D

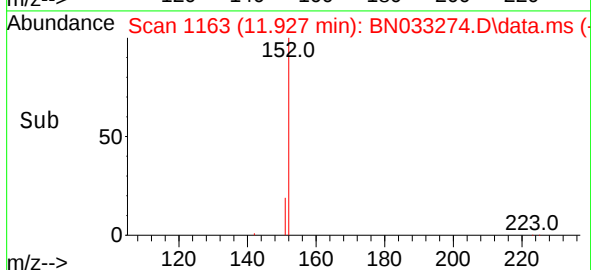
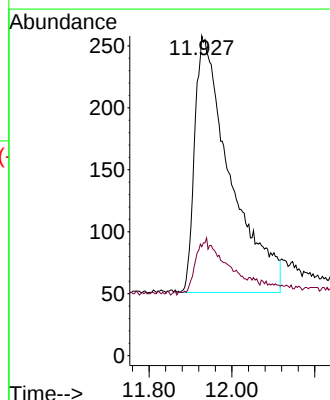
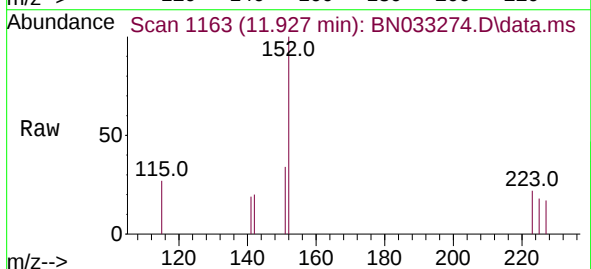
Acq: 06 Aug 2024 15:32

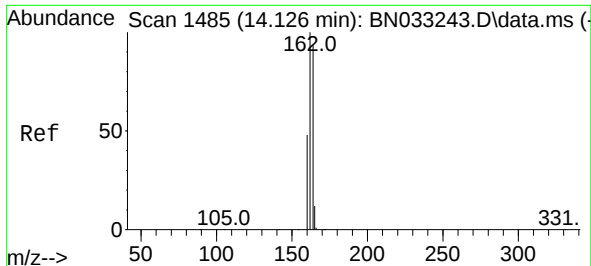
Tgt Ion:152 Resp: 1233

Ion Ratio Lower Upper

152 100

151 19.0 11.9 17.9#

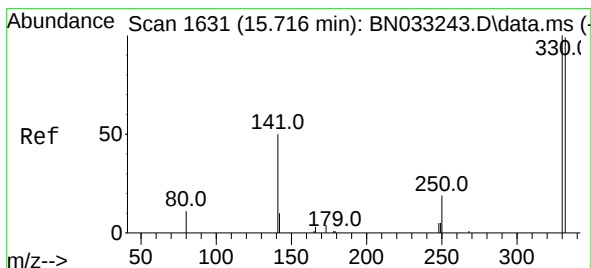
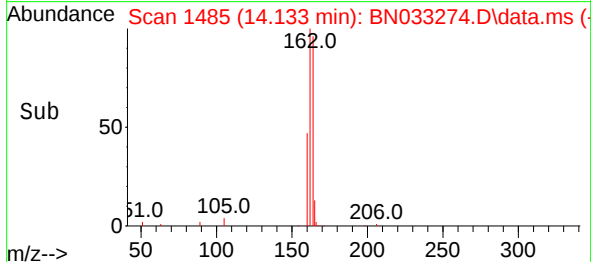
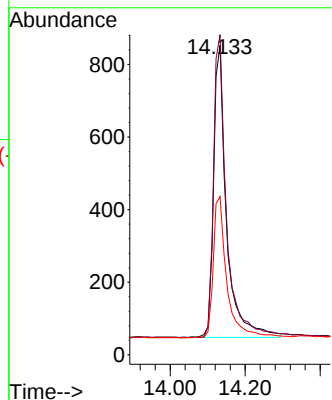
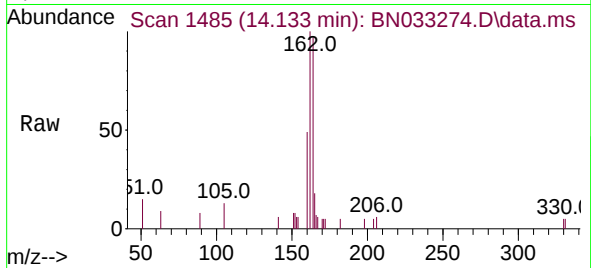




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.133 min Scan# 1485
Delta R.T. 0.007 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

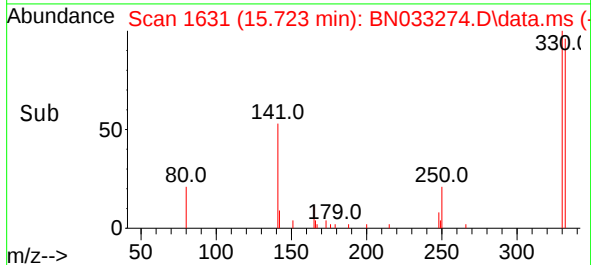
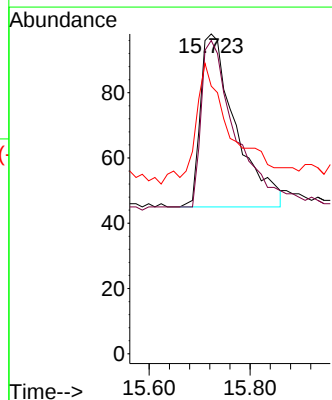
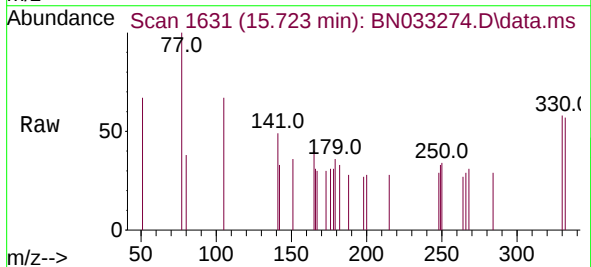
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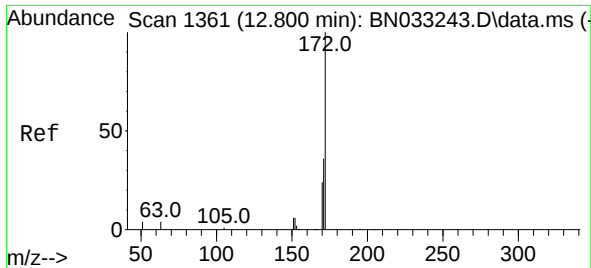
Tgt Ion:164 Resp: 1929
Ion Ratio Lower Upper
164 100
162 103.4 84.6 127.0
160 51.1 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.723 min Scan# 1631
Delta R.T. 0.007 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion:330 Resp: 256
Ion Ratio Lower Upper
330 100
332 93.8 73.7 110.5
141 60.9 44.8 67.2

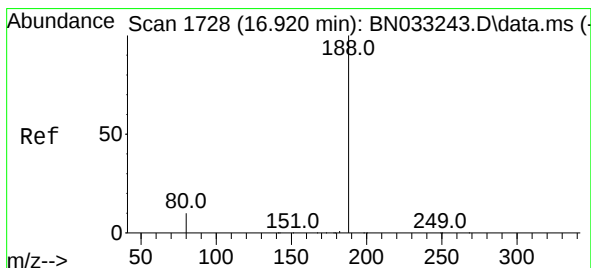
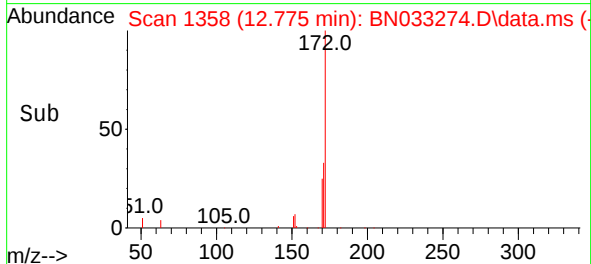
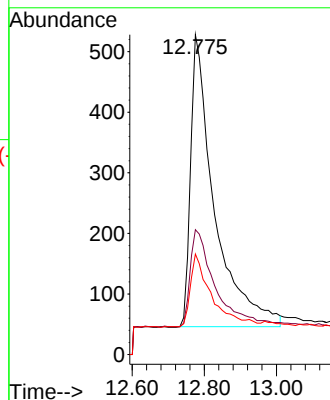
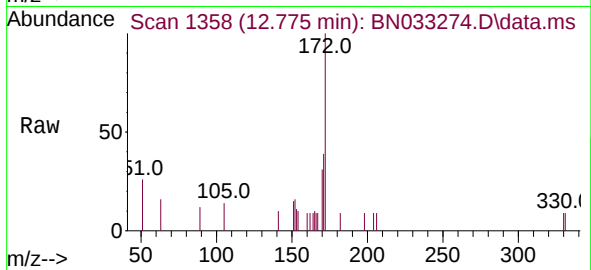




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.775 min Scan# 1361
Delta R.T. -0.025 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

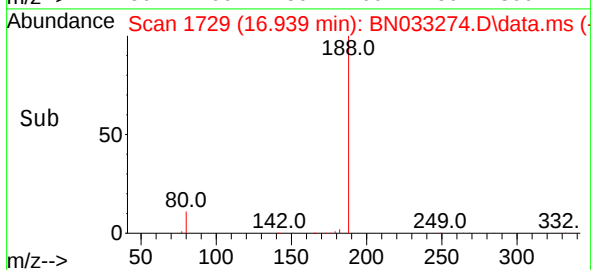
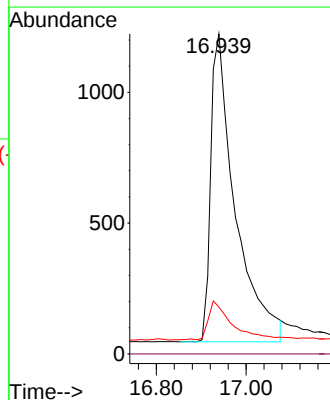
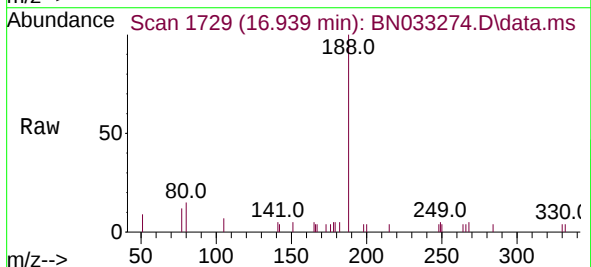
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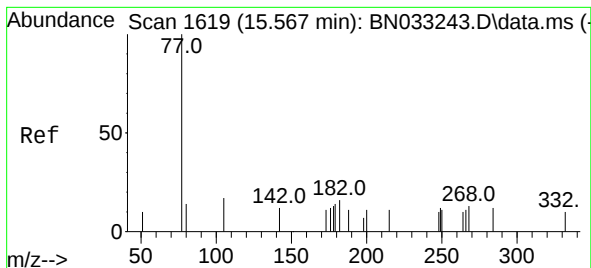
Tgt Ion:	172	Resp:	2204
Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.3	48.5
170	31.4	23.4	35.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.939 min Scan# 1729
Delta R.T. 0.019 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion:	188	Resp:	4436
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	10.2	15.4

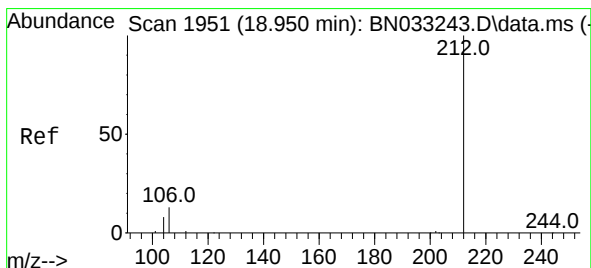
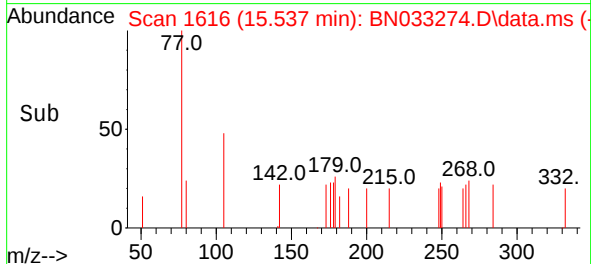
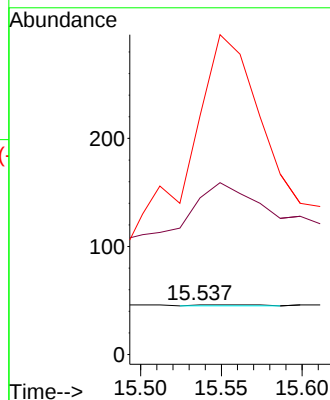
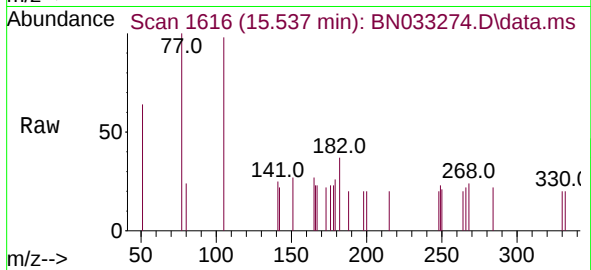




#20
4,6-Dinitro-2-methylphenol
Concen: 0.252 ng
RT: 15.537 min Scan# 1616
Delta R.T. -0.030 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

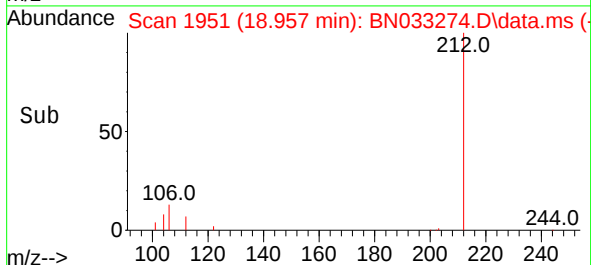
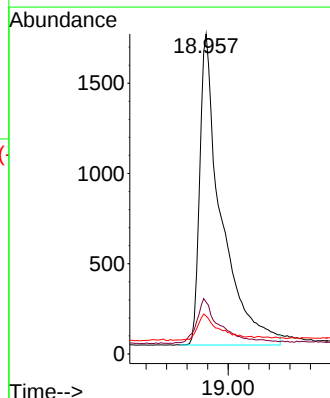
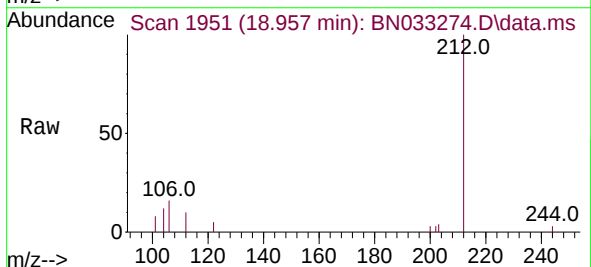
Instrument :
BNA_N
ClientSampleId :
EB-70-150

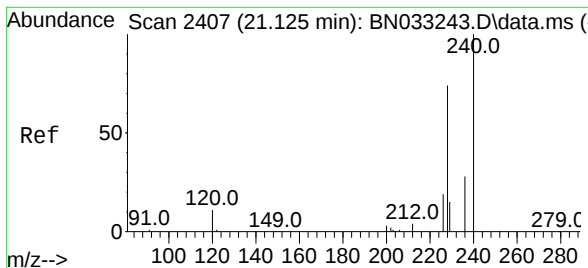
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 315.2 250.6 375.8
105 480.4 152.6 229.0#



#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.957 min Scan# 1951
Delta R.T. 0.007 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion:212 Resp: 4986
Ion Ratio Lower Upper
212 100
106 15.0 11.4 17.0
104 8.1 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2407

Delta R.T. 0.024 min

Lab File: BN033274.D

Acq: 06 Aug 2024 15:32

Instrument :

BNA_N

ClientSampleId :

EB-70-150

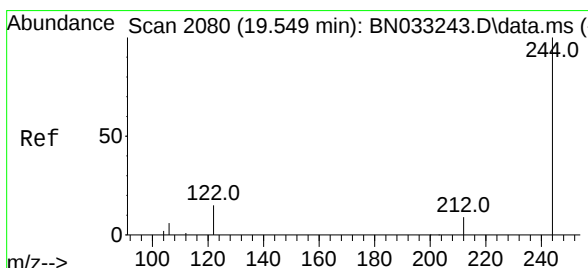
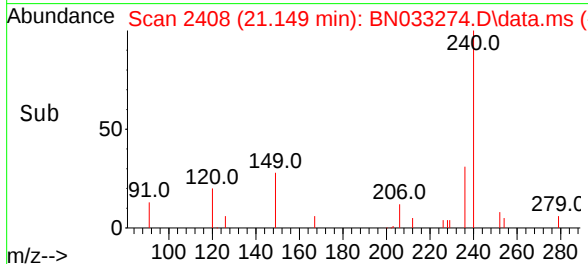
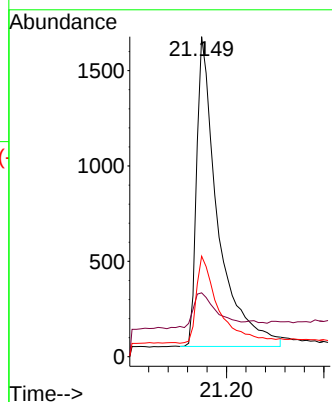
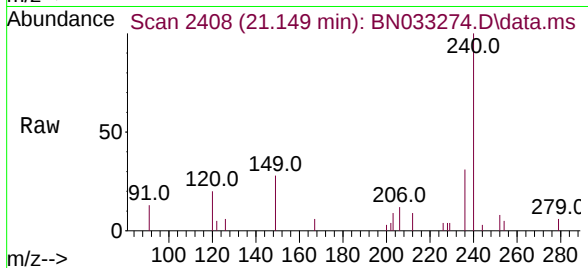
Tgt Ion:240 Resp: 4905

Ion Ratio Lower Upper

240 100

120 20.0 13.3 19.9#

236 31.4 23.8 35.6



#31

Terphenyl-d14

Concen: 0.565 ng

RT: 19.542 min Scan# 2077

Delta R.T. -0.007 min

Lab File: BN033274.D

Acq: 06 Aug 2024 15:32

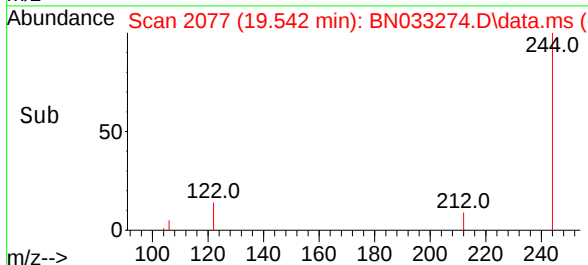
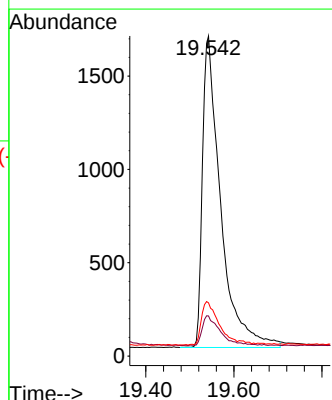
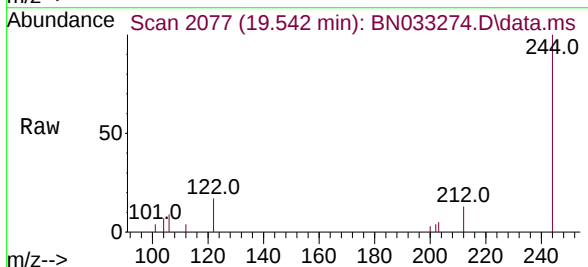
Tgt Ion:244 Resp: 4788

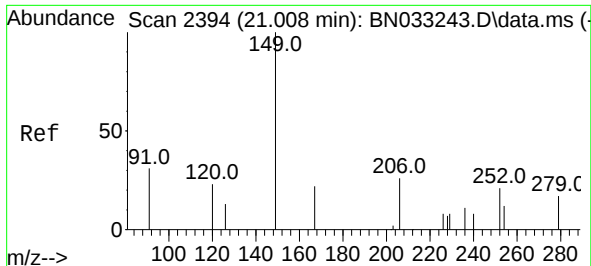
Ion Ratio Lower Upper

244 100

212 12.5 9.9 14.9

122 16.6 14.1 21.1

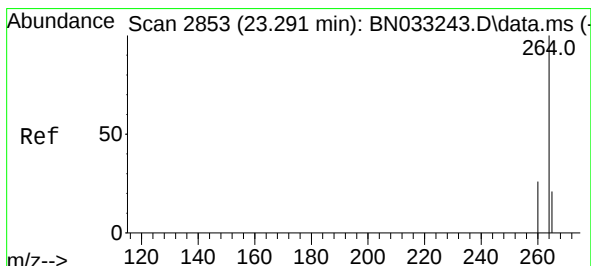
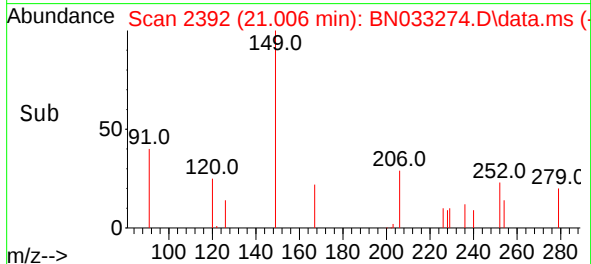
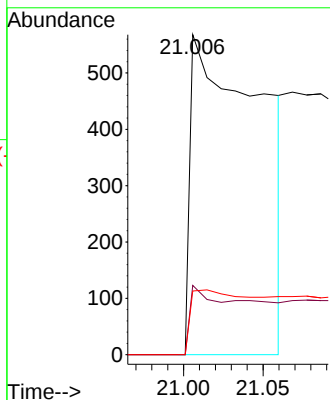
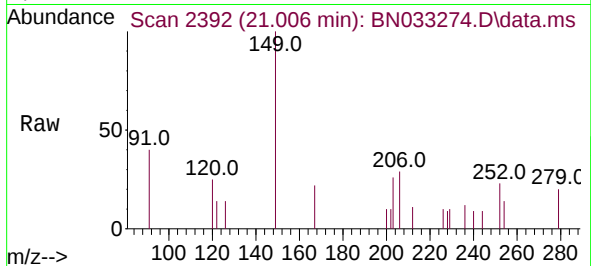




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.471 ng
RT: 21.006 min Scan# 241
Delta R.T. -0.002 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Instrument :
BNA_N
ClientSampleId :
EB-70-150

Tgt Ion:149 Resp: 1599
Ion Ratio Lower Upper
149 100
167 8.0 19.8 29.6#
279 15.3 8.2 12.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.324 min Scan# 2861
Delta R.T. 0.033 min
Lab File: BN033274.D
Acq: 06 Aug 2024 15:32

Tgt Ion:264 Resp: 5661
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 110.3 66.6 99.8#

