

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029087.D
 Acq On : 07 Dec 2023 11:14
 Operator : MA/JU
 Sample : 05425-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 07 11:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

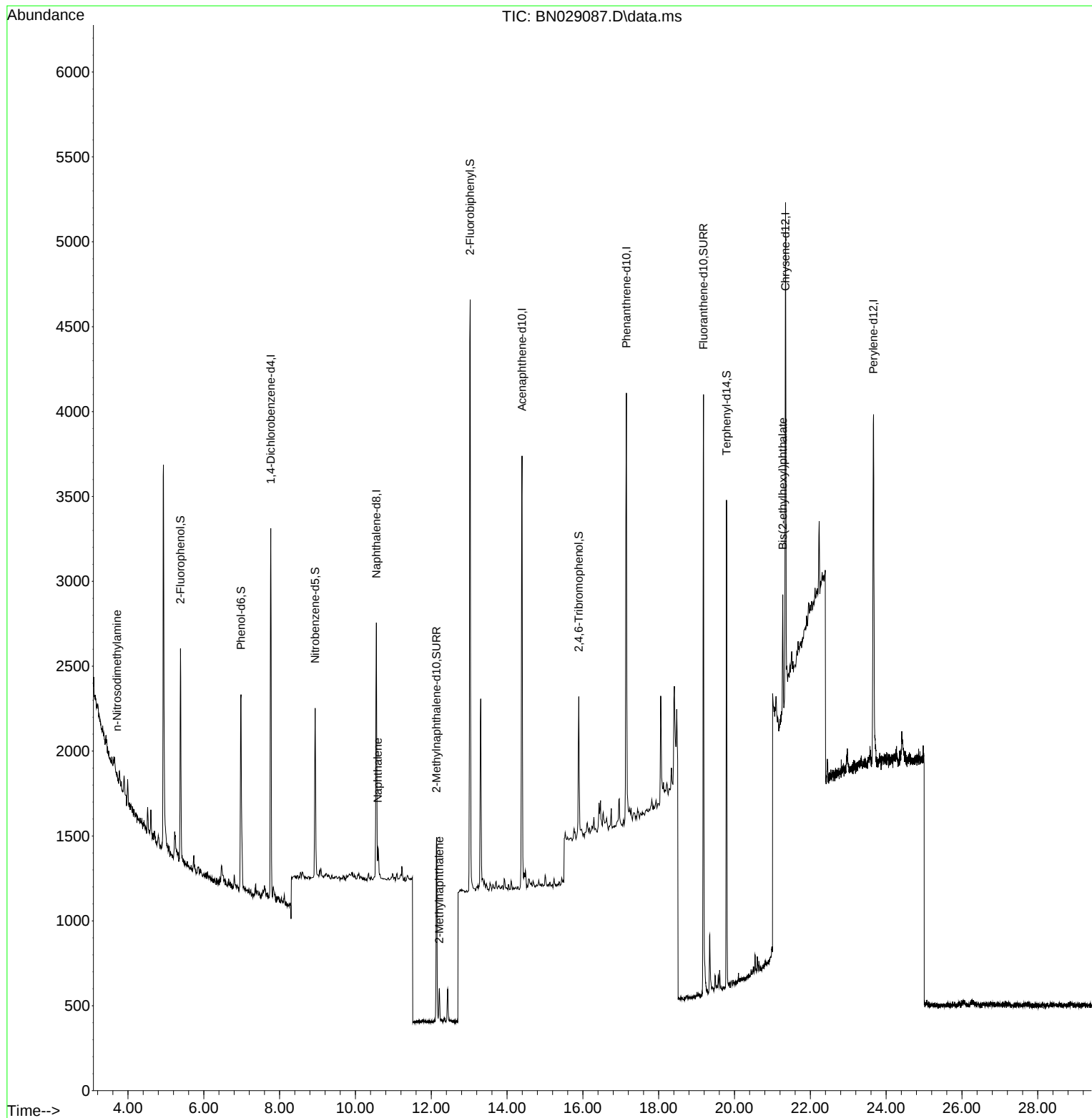
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1071	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2029	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1561	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3836	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2658	0.400	ng	0.00
35) Perylene-d12	23.664	264	2792	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	984	0.406	ng	0.00
5) Phenol-d6	6.981	99	1131	0.390	ng	0.00
8) Nitrobenzene-d5	8.939	82	1006	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1467	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	510	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3301	0.408	ng	0.00
27) Fluoranthene-d10	19.181	212	4271	0.354	ng	0.00
31) Terphenyl-d14	19.789	244	2805	0.417	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.709	42	29	0.055	ng	# 2
9) Naphthalene	10.594	128	225	0.036	ng	# 42
12) 2-Methylnaphthalene	12.212	142	134	0.026	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.275	149	838	0.101	ng	# 85

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

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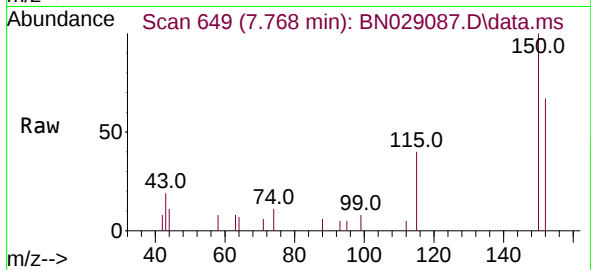
Quant Time: Dec 07 11:57:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
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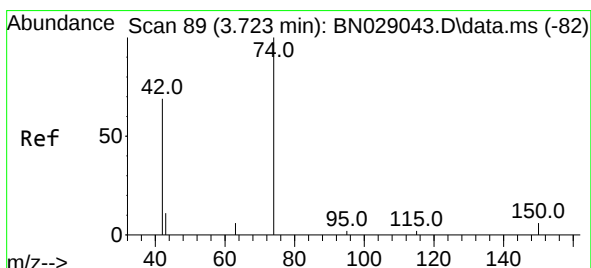
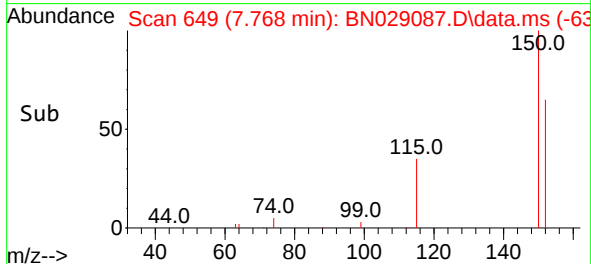
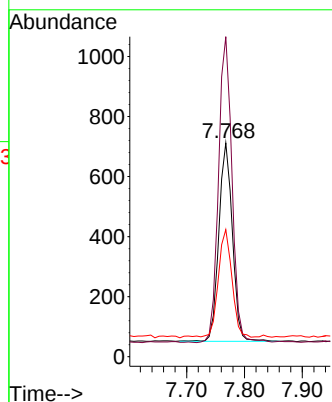


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029087.D
 Acq: 07 Dec 2023 11:14

Instrument :
 BNA_N
 ClientSampleId :

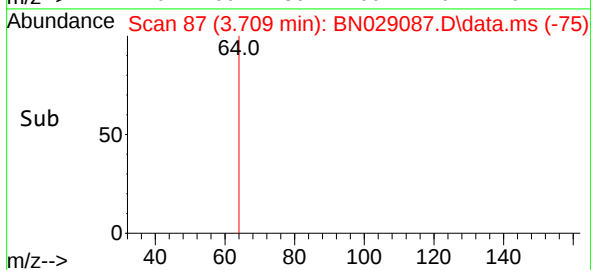
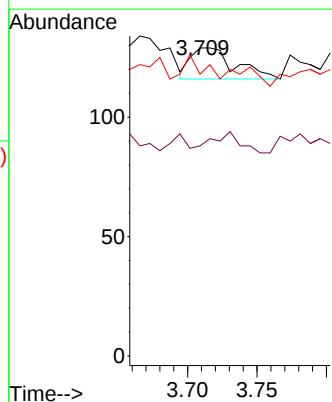
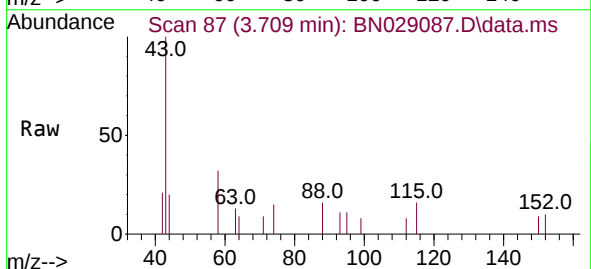


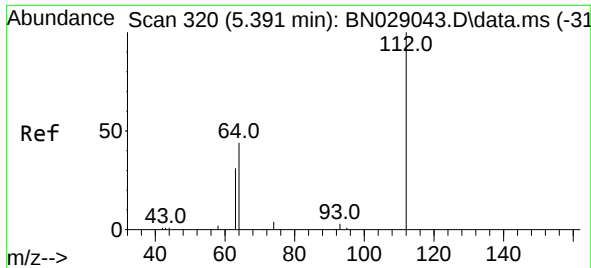
Tgt Ion: 152 Resp: 1071
 Ion Ratio Lower Upper
 152 100
 150 149.7 116.2 174.4
 115 59.4 45.1 67.7



#3
 n-Nitrosodimethylamine
 Concen: 0.055 ng
 RT: 3.709 min Scan# 87
 Delta R.T. -0.014 min
 Lab File: BN029087.D
 Acq: 07 Dec 2023 11:14

Tgt Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 74 17.2 106.3 159.5#
 44 31.0 0.0 0.0#

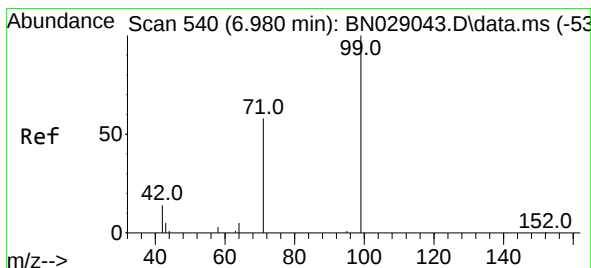
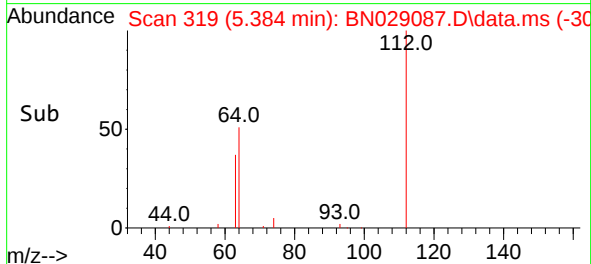
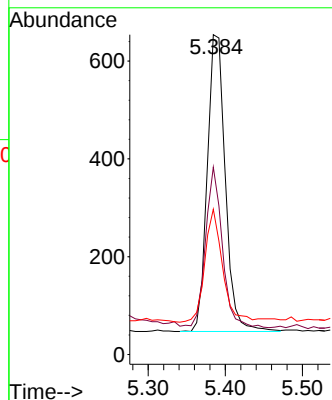
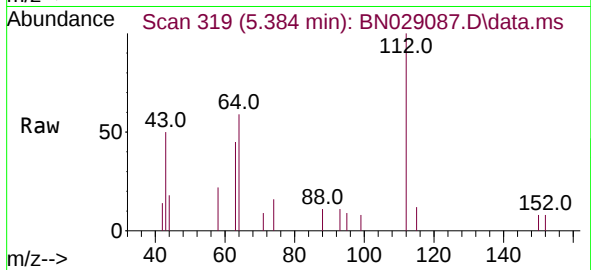




#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

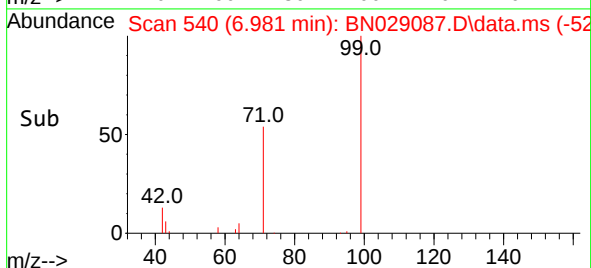
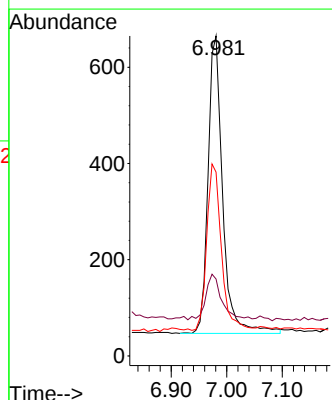
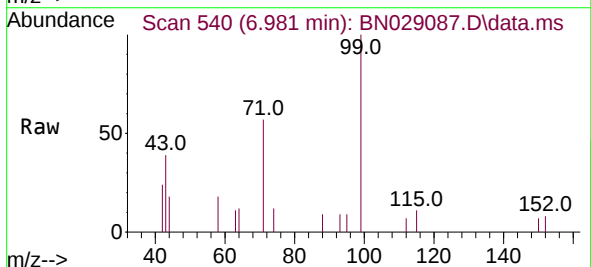
Instrument :
BNA_N
ClientSampleId :

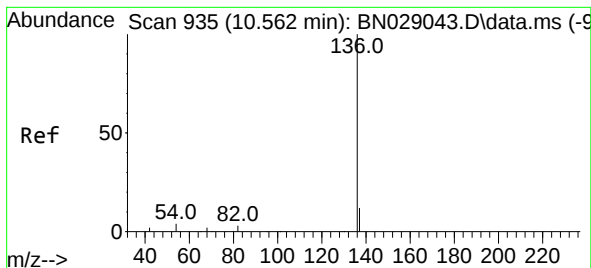
Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 50.5 37.0 55.6
63 37.4 29.0 43.6



#5
Phenol-d6
Concen: 0.390 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Tgt Ion: 99 Resp: 1131
Ion Ratio Lower Upper
99 100
42 17.3 13.4 20.2
71 56.0 47.8 71.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.552 min Scan# 91

Delta R.T. -0.011 min

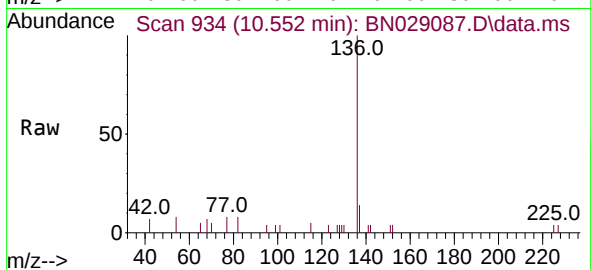
Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 2029

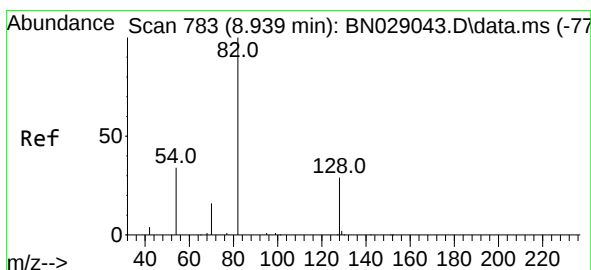
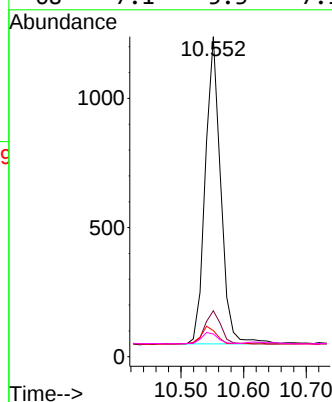
Ion	Ratio	Lower	Upper
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136	100		
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137	14.4	11.9	17.9
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54	8.2	6.4	9.6
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68	7.1	5.3	7.9
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#8

Nitrobenzene-d5

Concen: 0.411 ng

RT: 8.939 min Scan# 783

Delta R.T. 0.000 min

Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

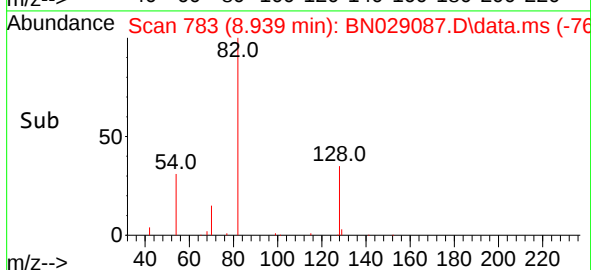
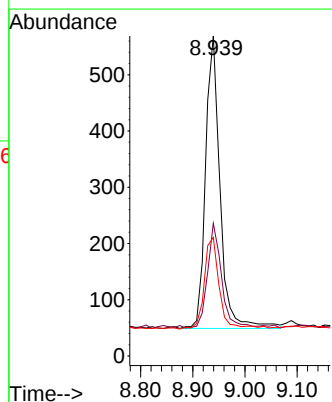
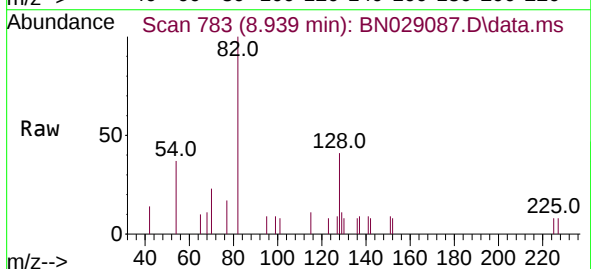
Tgt Ion: 82 Resp: 1006

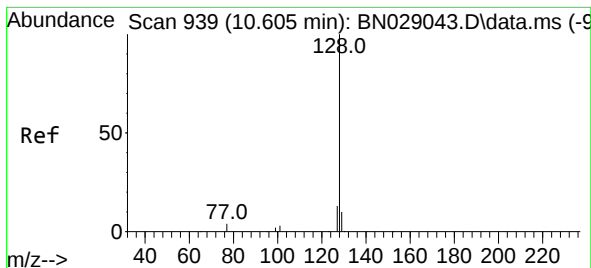
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

82	100		
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128	41.5	28.2	42.4
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54	37.1	32.1	48.1
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#9

Naphthalene

Concen: 0.036 ng

RT: 10.594 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029087.D

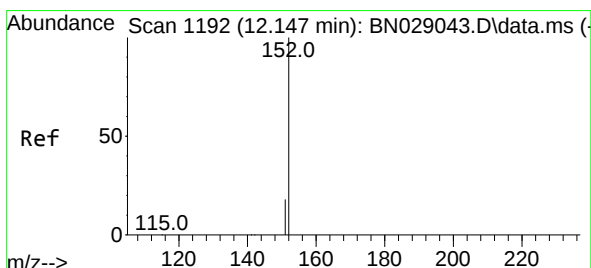
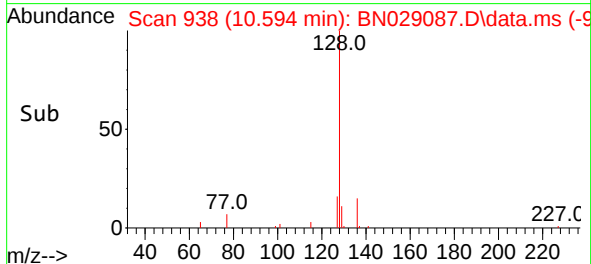
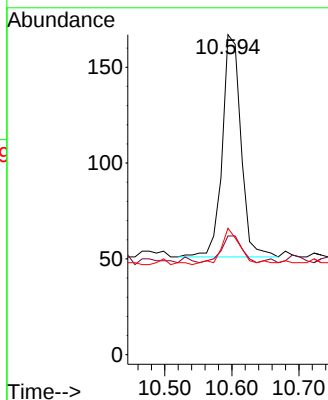
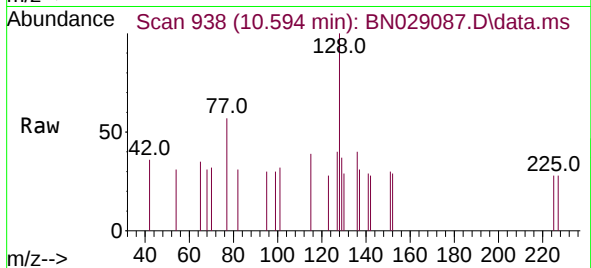
Acq: 07 Dec 2023 11:14

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	128	Resp:	225
Ion	Ratio	Lower	Upper
128	100		
129	37.1	10.5	15.7#
127	39.5	12.5	18.7#



#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

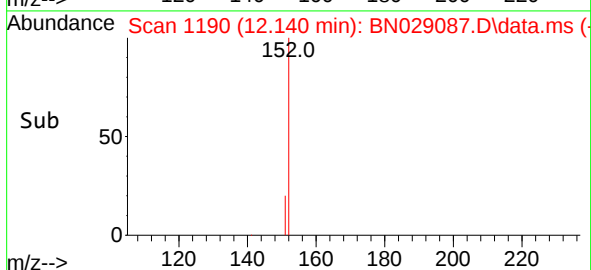
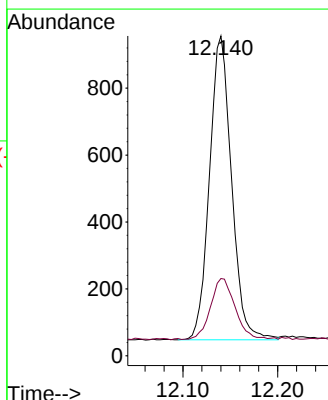
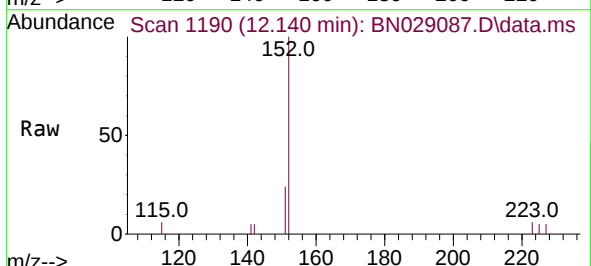
RT: 12.140 min Scan# 1190

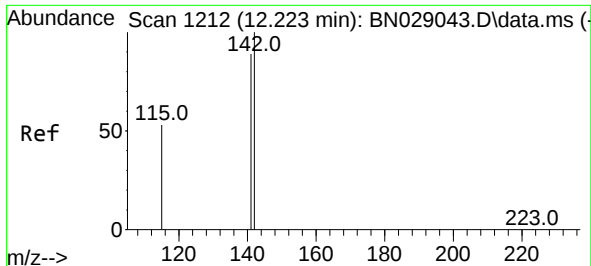
Delta R.T. -0.007 min

Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

Tgt Ion:	152	Resp:	1467
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.4	26.0





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.212 min Scan# 1209

Delta R.T. -0.011 min

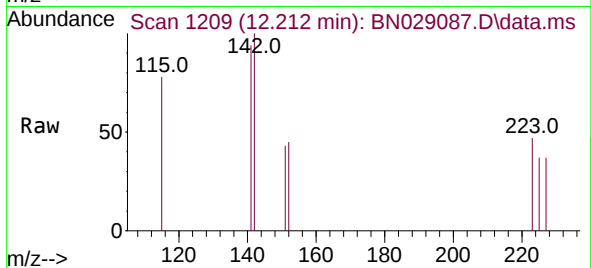
Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

Instrument :

BNA_N

ClientSampleId :



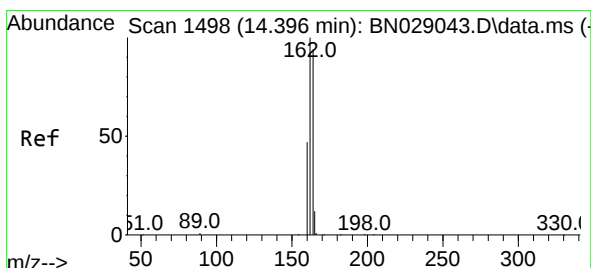
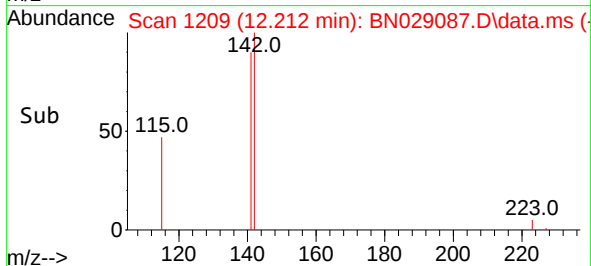
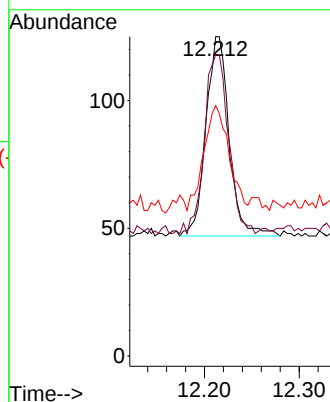
Tgt Ion:142 Resp: 134

Ion Ratio Lower Upper

142 100

141 94.4 71.1 106.7

115 78.4 44.6 66.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

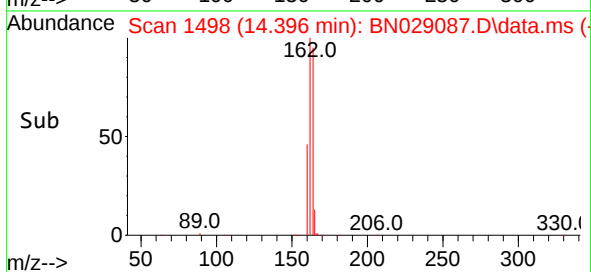
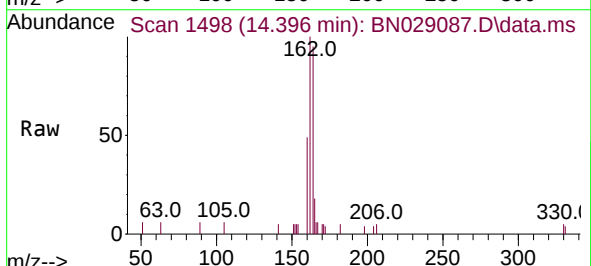
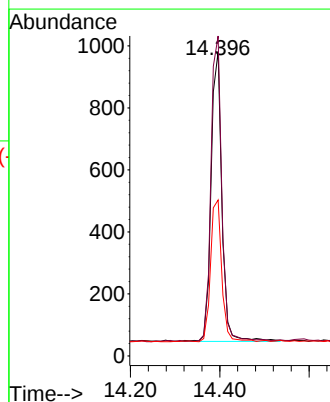
Tgt Ion:164 Resp: 1561

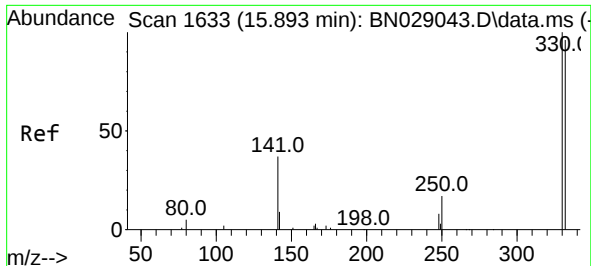
Ion Ratio Lower Upper

164 100

162 105.2 85.0 127.6

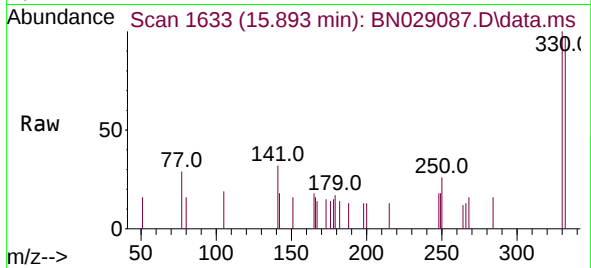
160 51.3 41.3 61.9



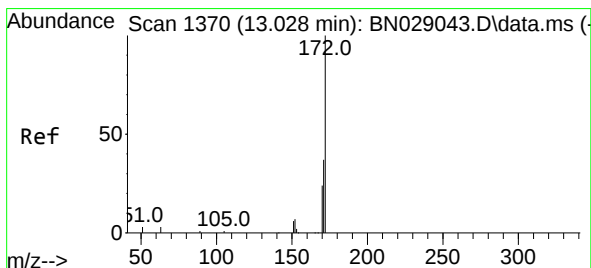
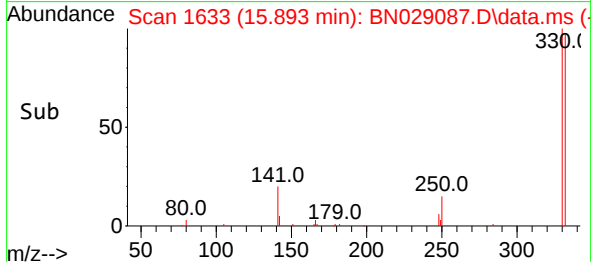
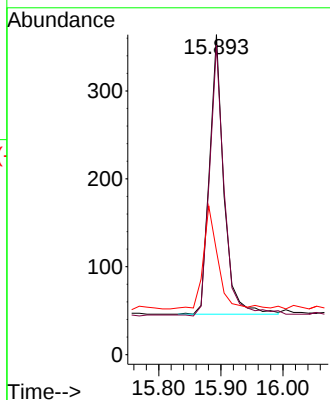


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Instrument :
BNA_N
ClientSampleId :

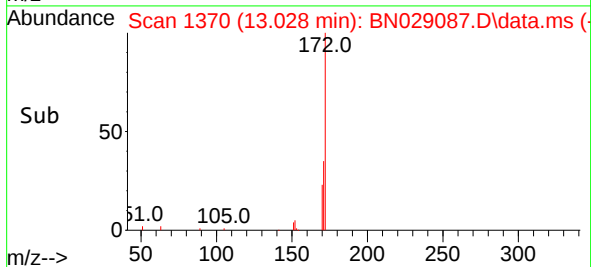
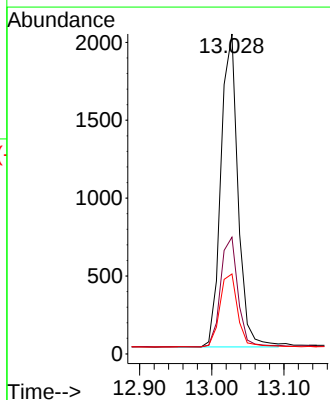
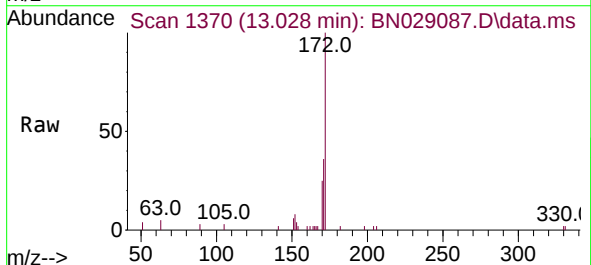


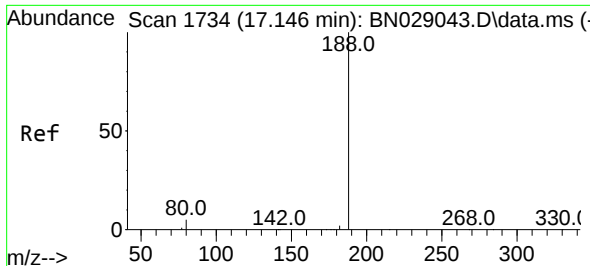
Tgt Ion:330 Resp: 510
Ion Ratio Lower Upper
330 100
332 98.0 78.8 118.2
141 37.6 28.7 43.1



#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Tgt Ion:172 Resp: 3301
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 25.0 20.3 30.5

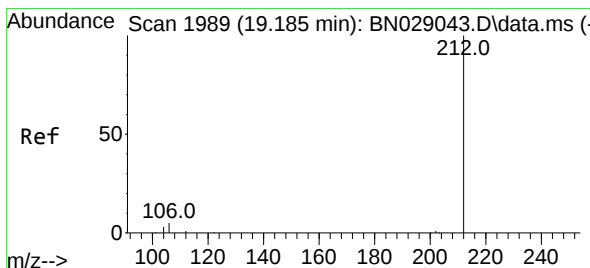
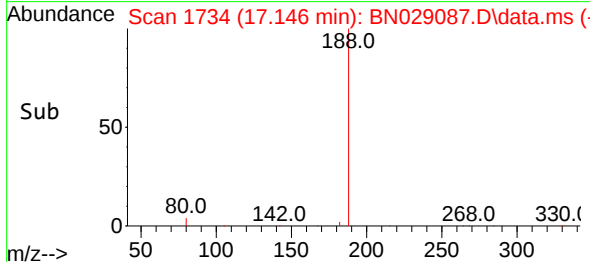
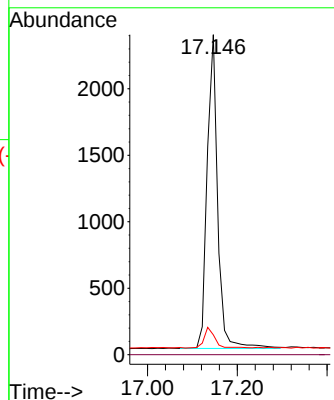
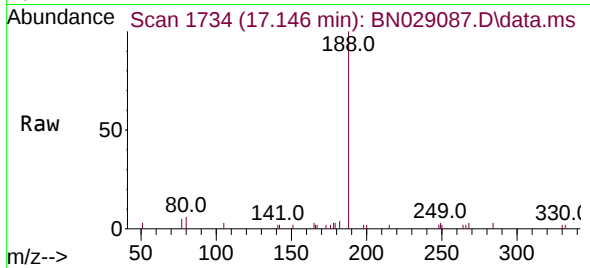




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

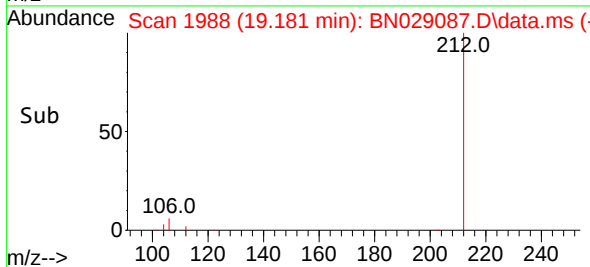
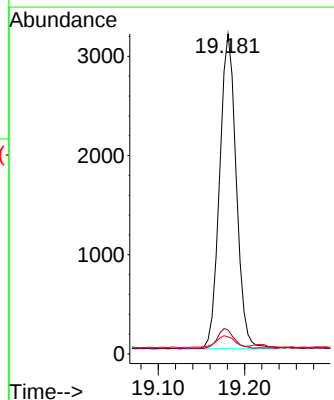
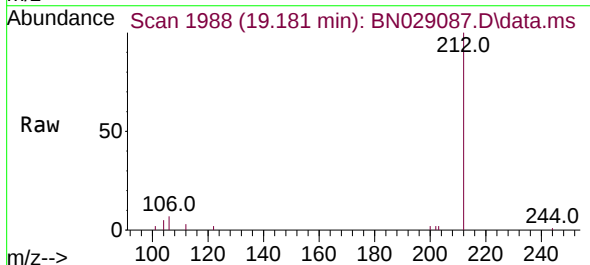
Instrument :
BNA_N
ClientSampleId :

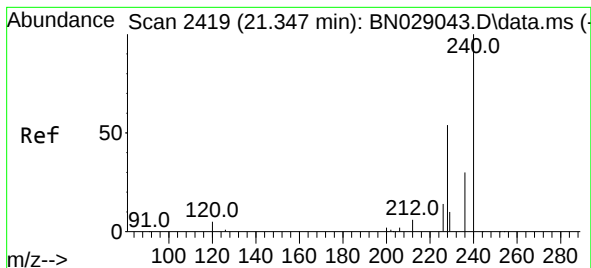
Tgt Ion:188 Resp: 3836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 5.4 8.0



#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Tgt Ion:212 Resp: 4271
Ion Ratio Lower Upper
212 100
106 6.1 3.9 5.9#
104 4.1 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

Instrument :

BNA_N

ClientSampleId :

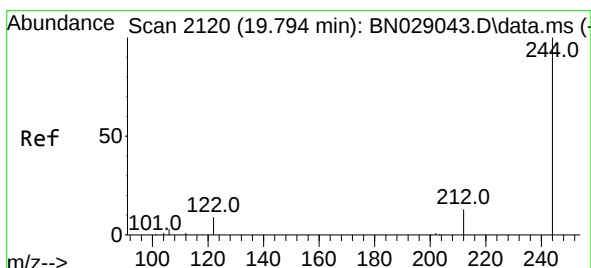
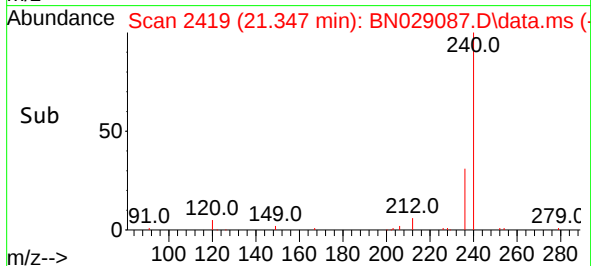
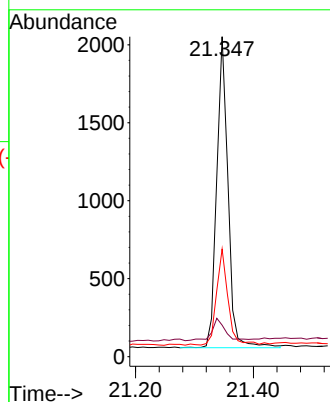
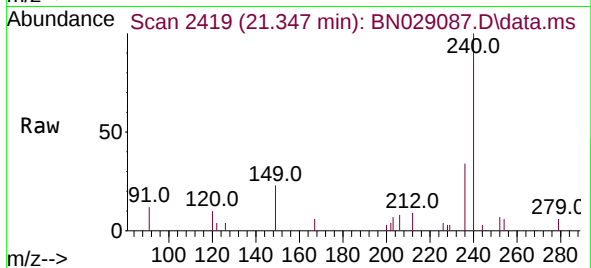
Tgt Ion:240 Resp: 2658

Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

236 33.6 25.7 38.5



#31

Terphenyl-d14

Concen: 0.417 ng

RT: 19.789 min Scan# 2119

Delta R.T. -0.005 min

Lab File: BN029087.D

Acq: 07 Dec 2023 11:14

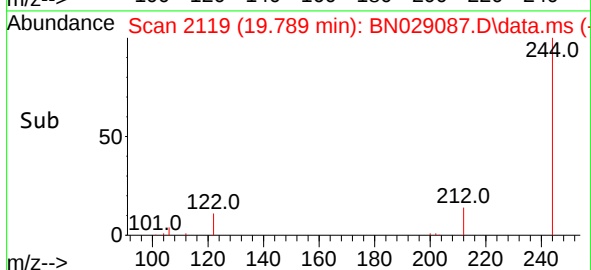
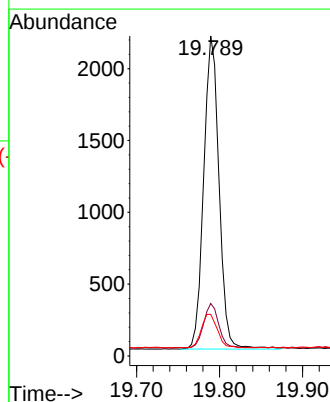
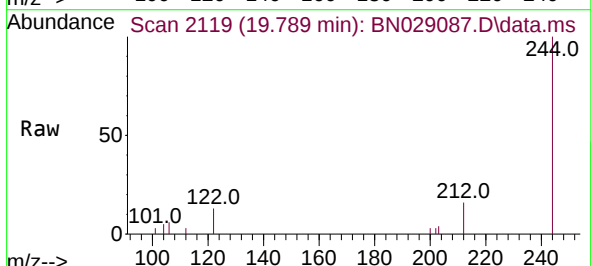
Tgt Ion:244 Resp: 2805

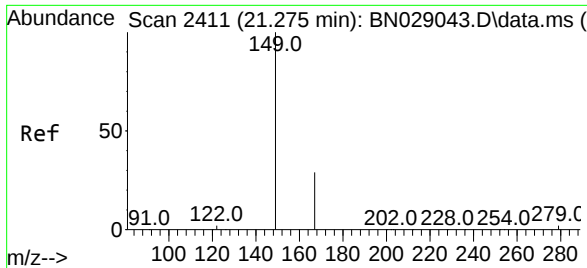
Ion Ratio Lower Upper

244 100

212 16.4 11.6 17.4

122 13.0 8.2 12.4#

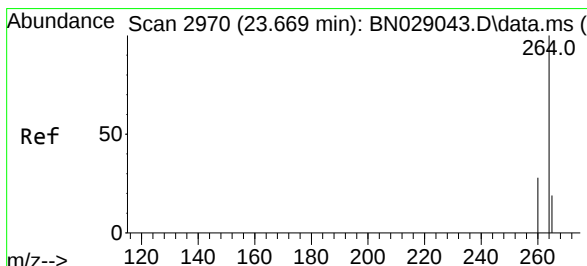
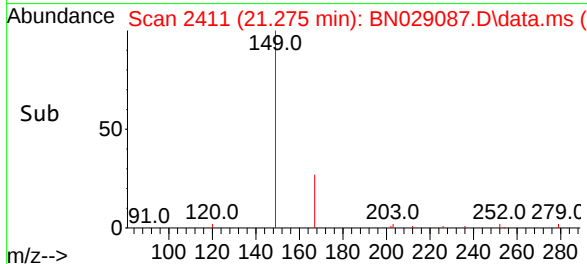
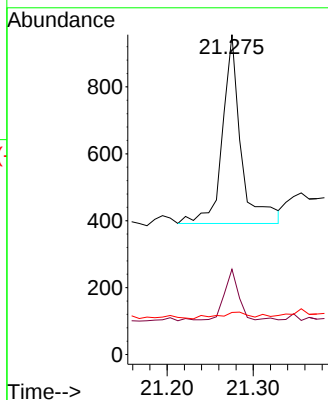
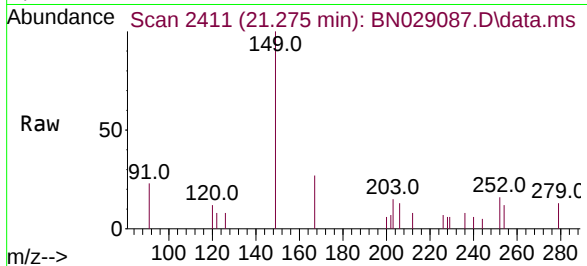




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029087.D
 Acq: 07 Dec 2023 11:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 838
 Ion Ratio Lower Upper
 149 100
 167 20.2 23.4 35.2#
 279 5.7 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.664 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BN029087.D
 Acq: 07 Dec 2023 11:14

Tgt Ion:264 Resp: 2792
 Ion Ratio Lower Upper
 264 100
 260 30.6 23.9 35.9
 265 87.1 52.7 79.1#

