

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 :
 O-5(5-10)

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)

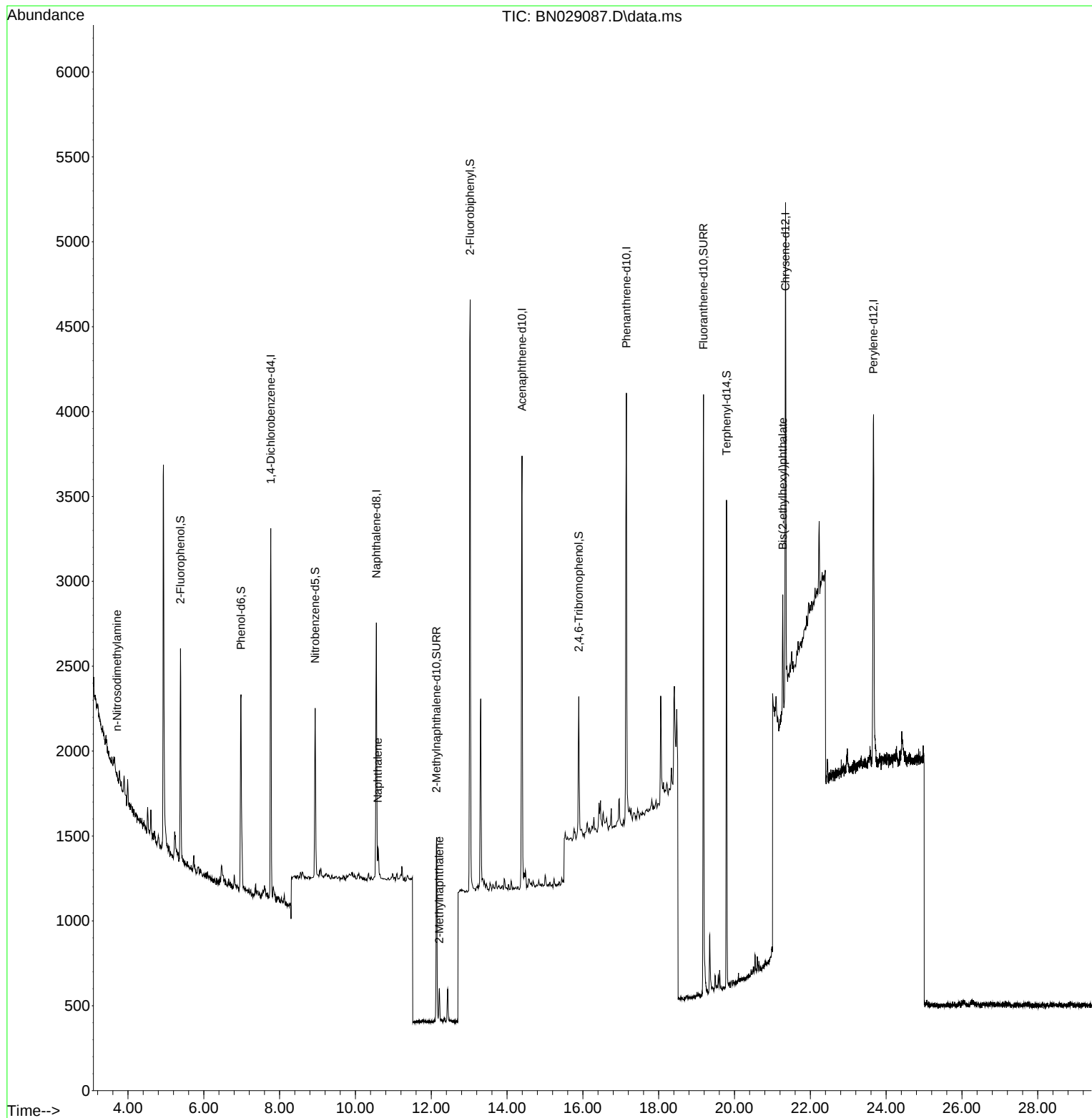
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1071	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2029	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1561	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3836	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2658	0.400	ng	0.00
35) Perylene-d12	23.664	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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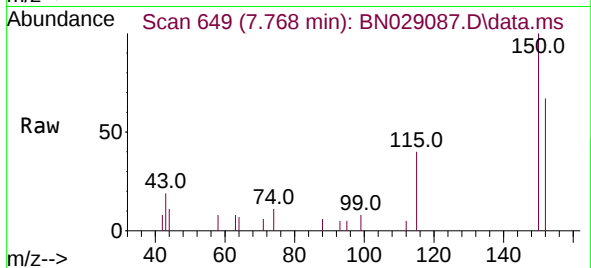
Quant Time: Dec 07 11:57:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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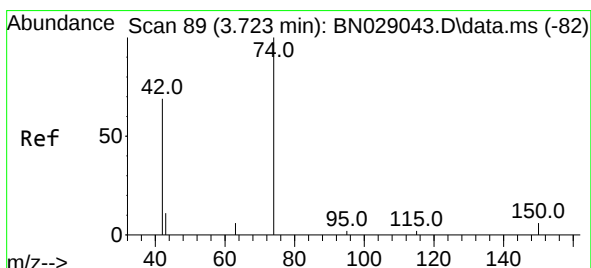
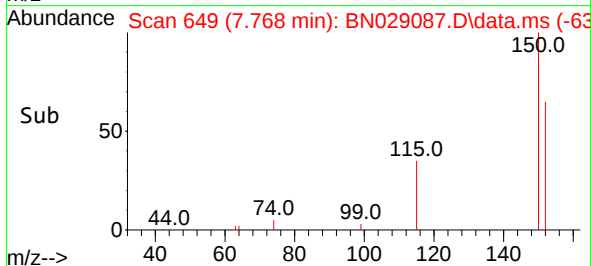
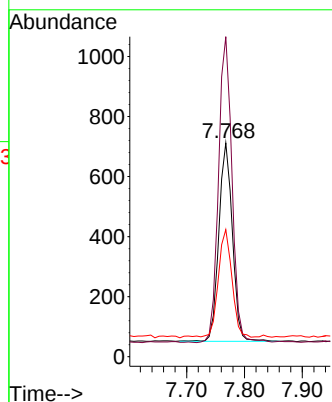


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

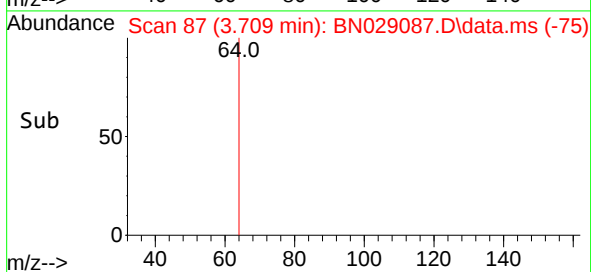
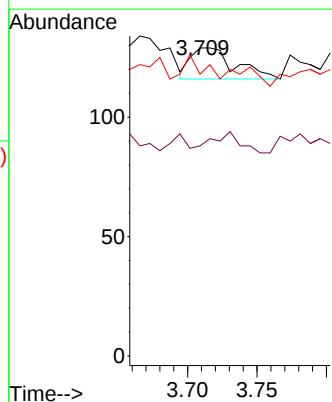
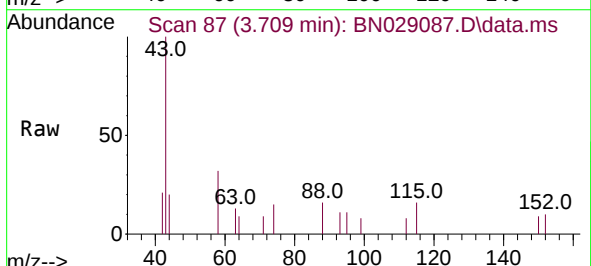


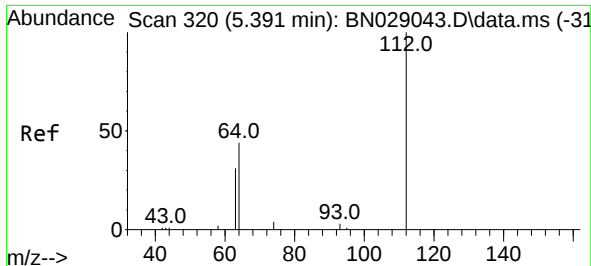
Tgt Ion:152 Resp: 1071
Ion Ratio Lower Upper
152 100
150 149.7 116.2 174.4
115 59.4 45.1 67.7



#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#

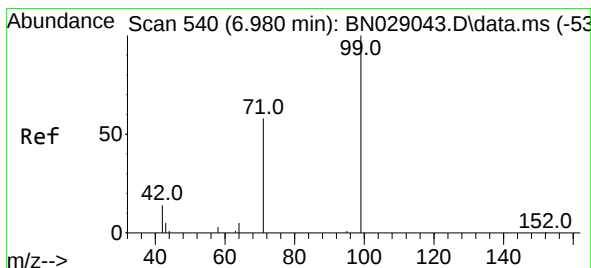
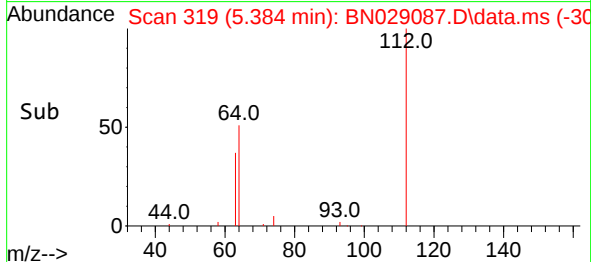
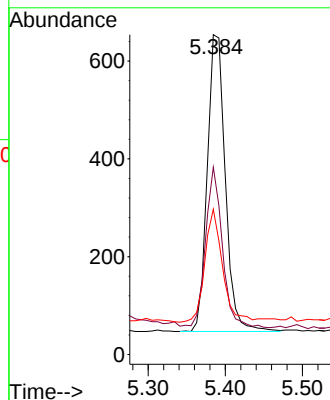
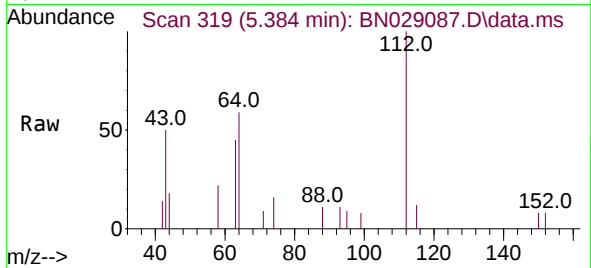




#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

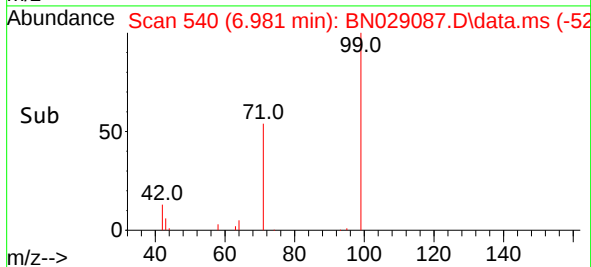
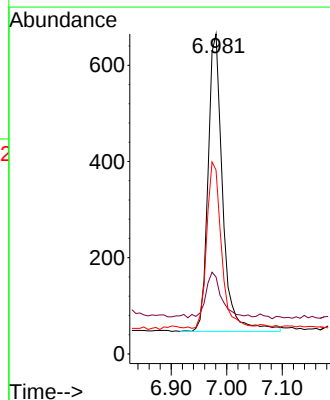
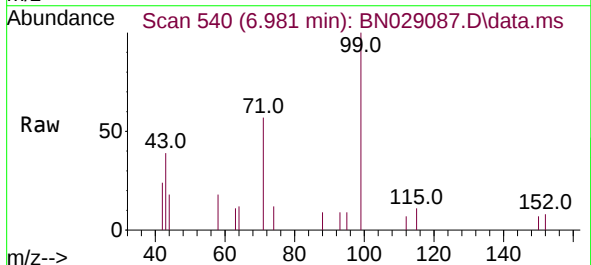
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

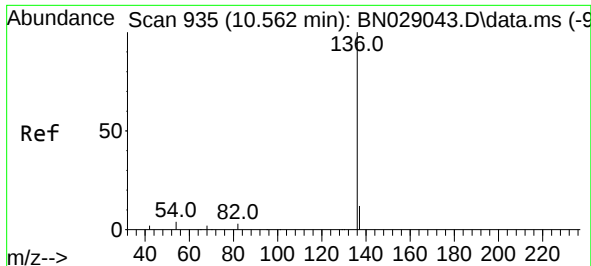
Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 50.5 37.0 55.6
63 37.4 29.0 43.6



#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

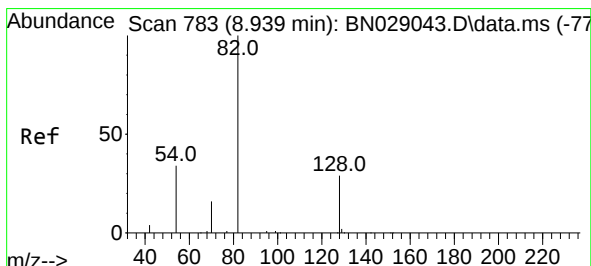
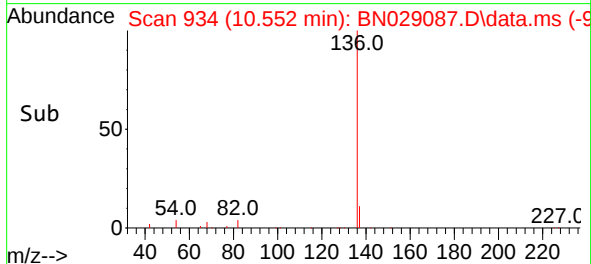
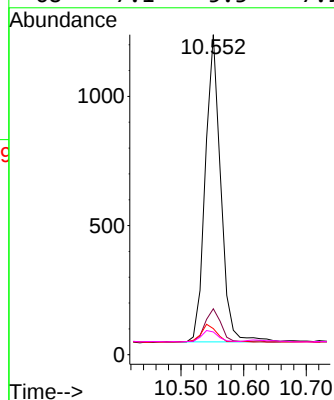
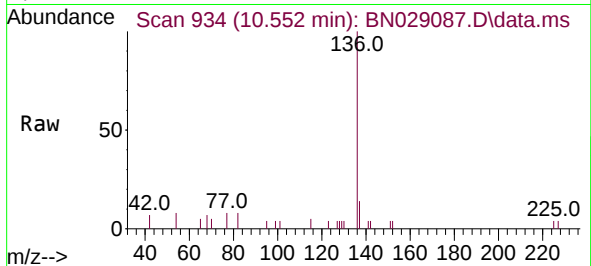




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

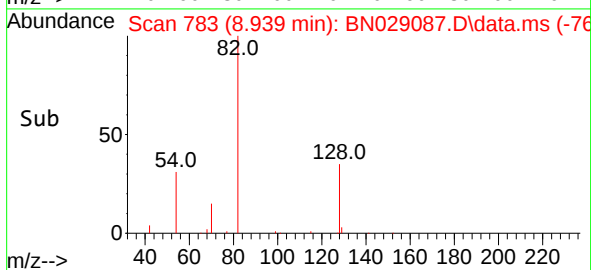
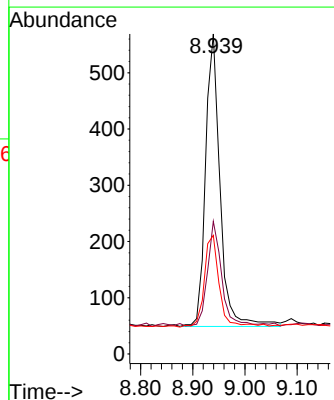
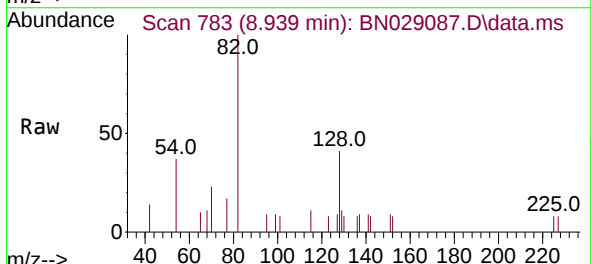
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

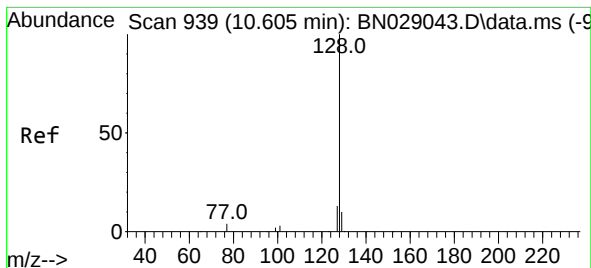
Tgt Ion:	136	Resp:	2029
Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.9	17.9
54	8.2	6.4	9.6
68	7.1	5.3	7.9



#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		
128	41.5	28.2	42.4
54	37.1	32.1	48.1





#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 :

O-5(5-10)

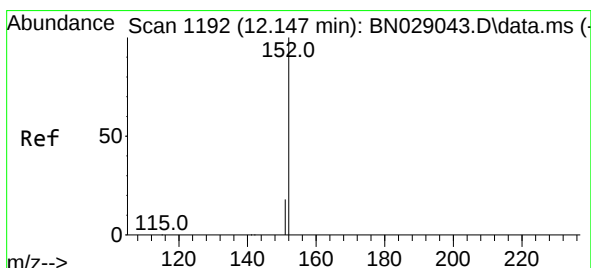
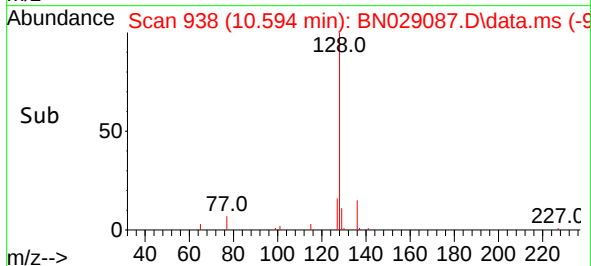
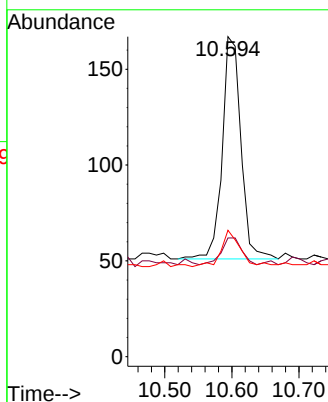
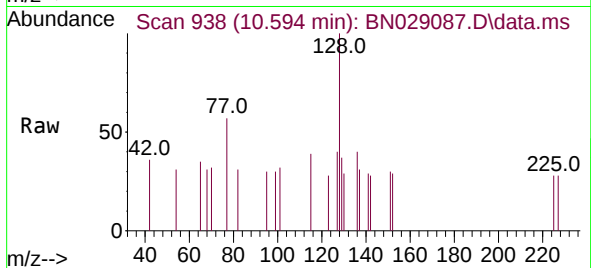
Tgt Ion:128 Resp: 225

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

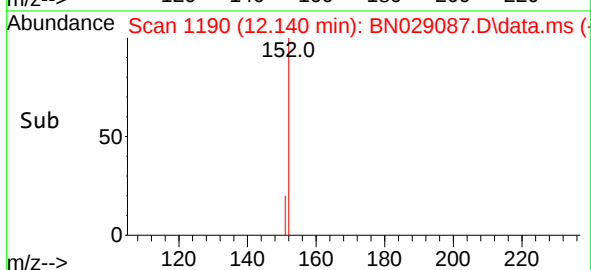
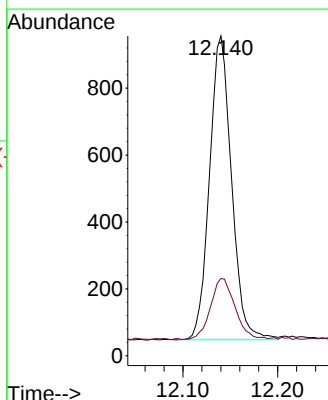
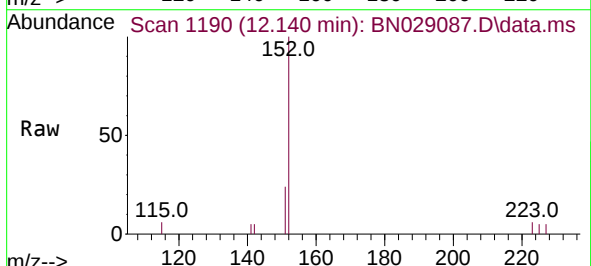
Acq: 07 Dec 2023 11:14

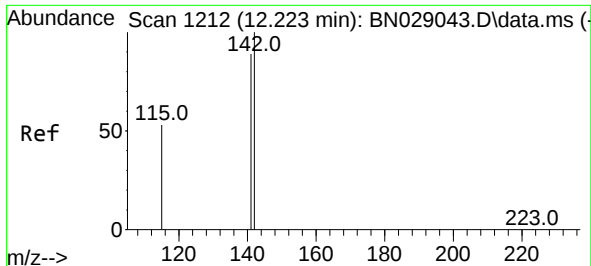
Tgt Ion:152 Resp: 1467

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 :

O-5(5-10)

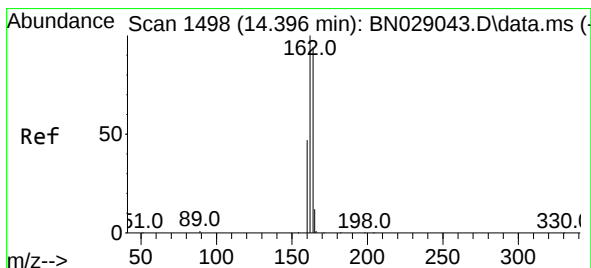
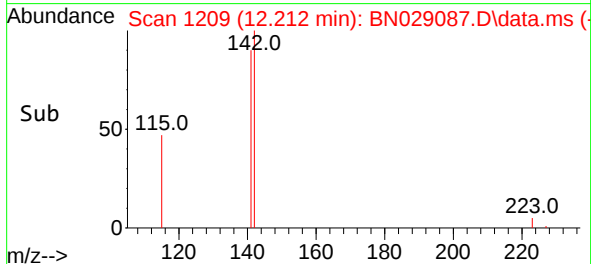
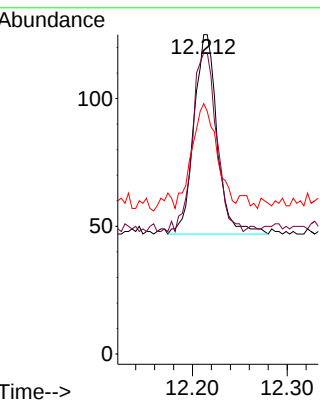
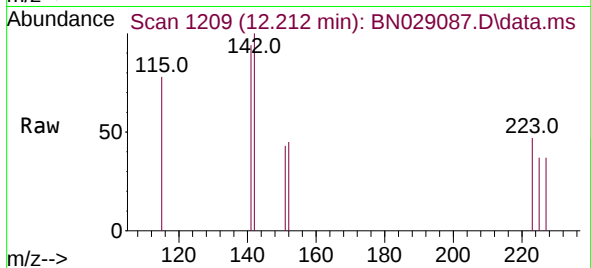
Tgt Ion:142 Resp: 134

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

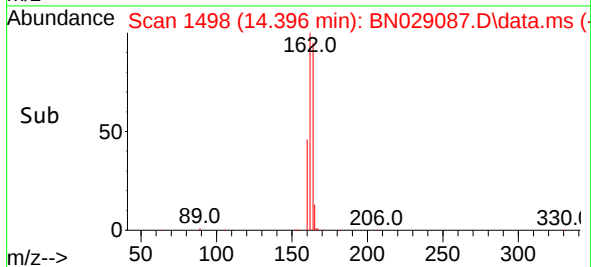
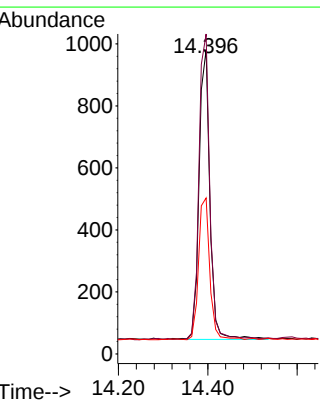
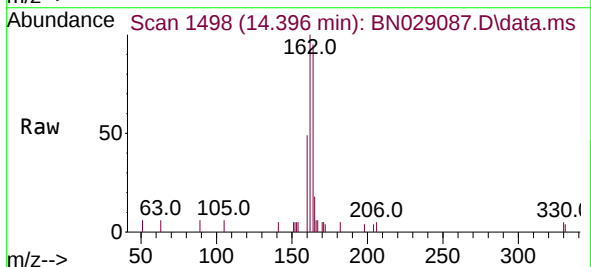
Tgt Ion:164 Resp: 1561

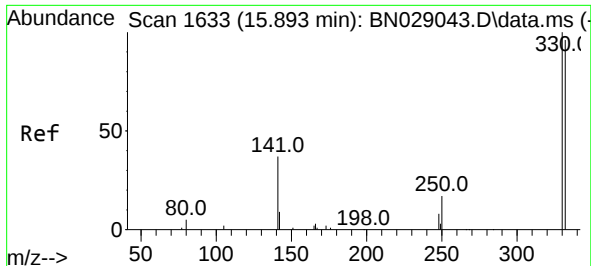
Ion Ratio Lower Upper

164 100

162 105.2 85.0 127.6

160 51.3 41.3 61.9

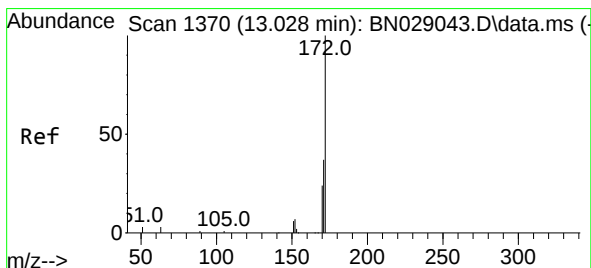
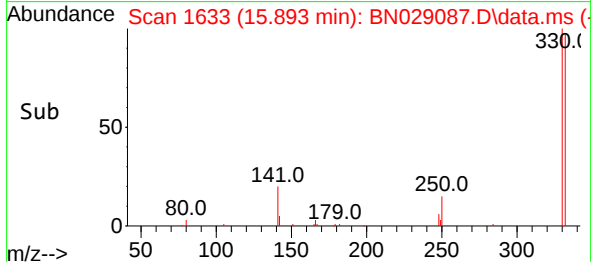
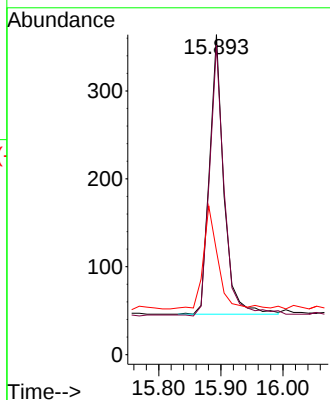
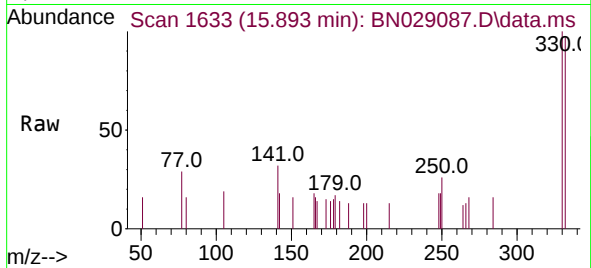




#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

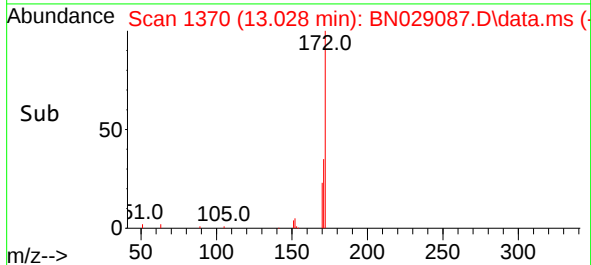
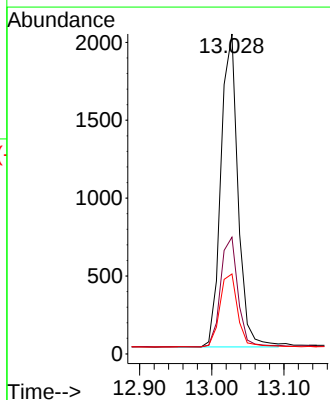
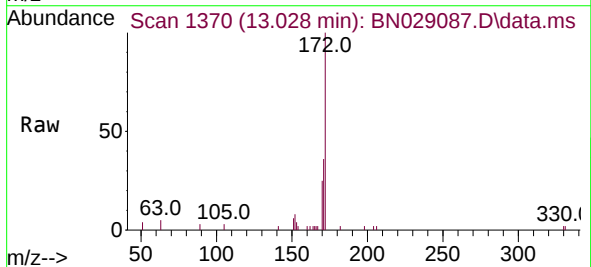
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

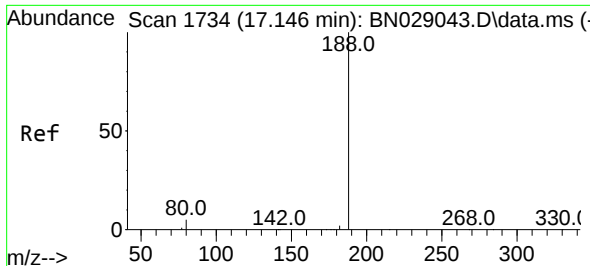
Tgt Ion:330 Resp: 510
Ion Ratio Lower Upper
330 100
332 98.0 78.8 118.2
141 37.6 28.7 43.1



#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

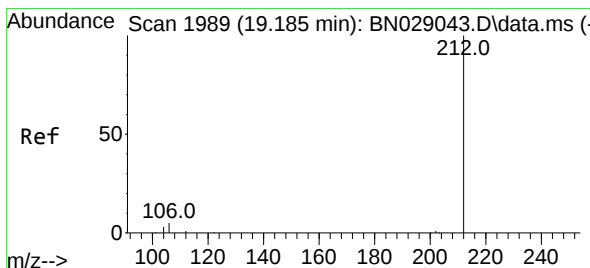
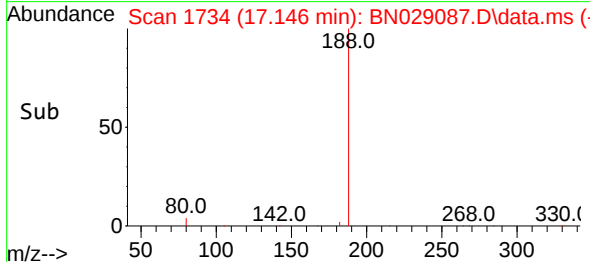
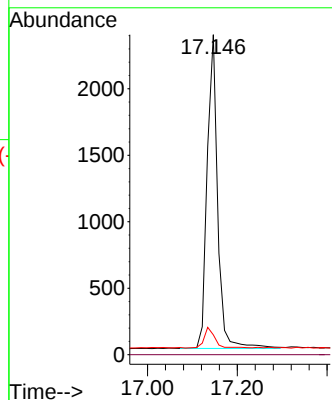
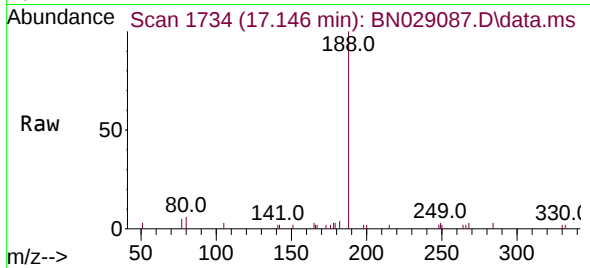




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

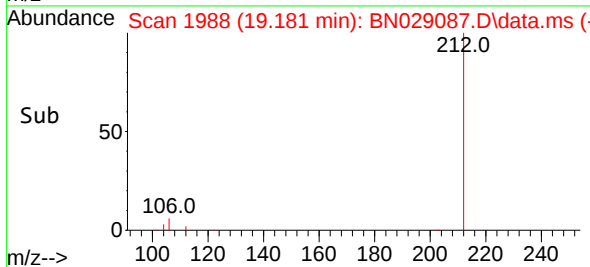
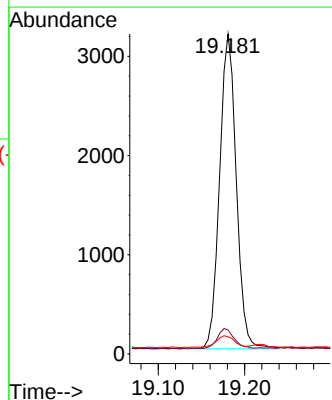
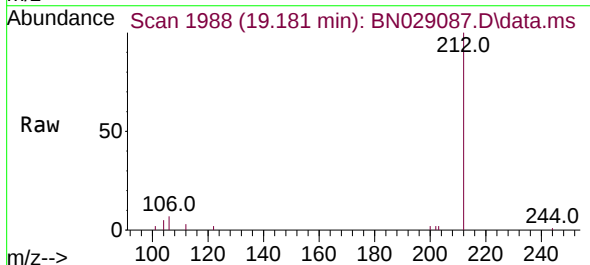
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

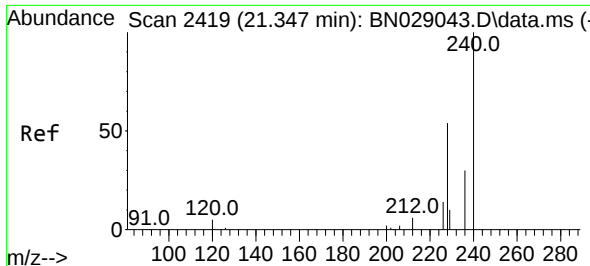
Tgt Ion:188 Resp: 3836
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.2 5.4 8.0



#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#

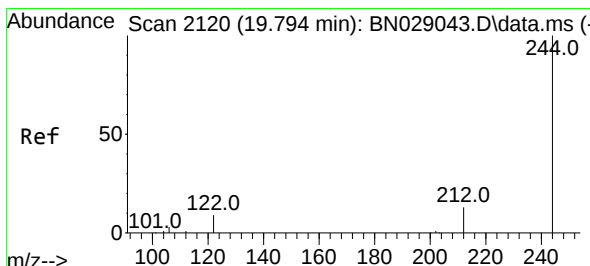
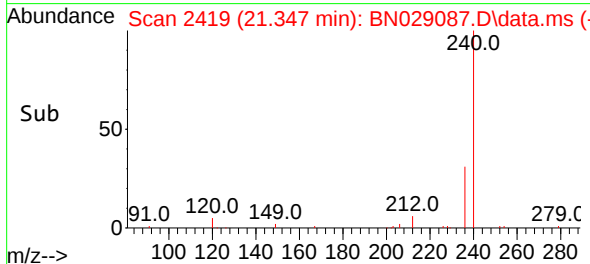
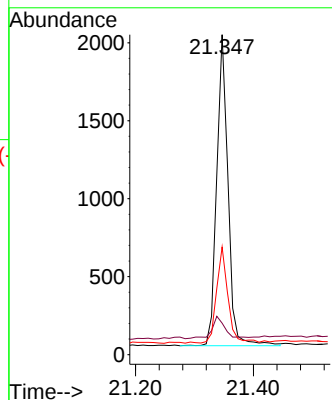
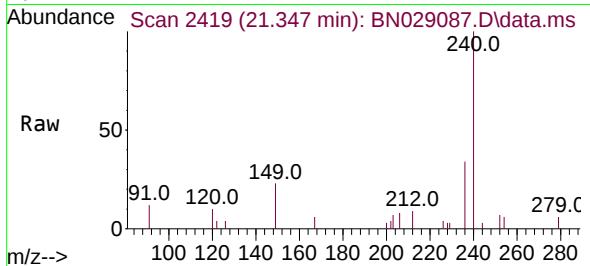




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

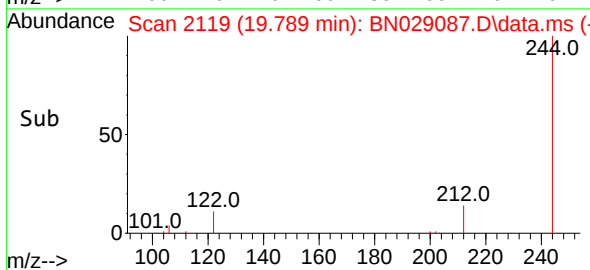
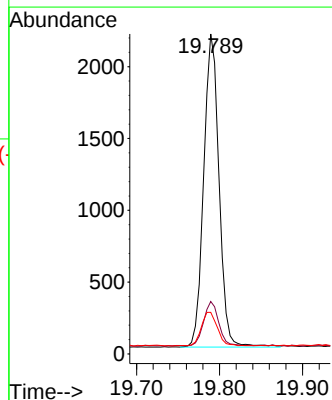
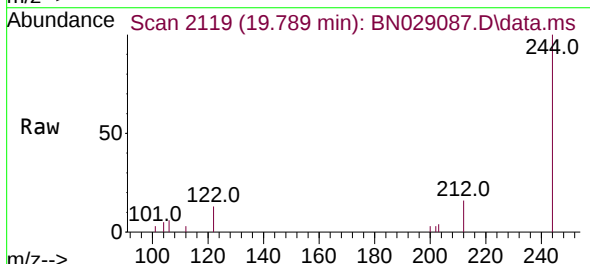
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

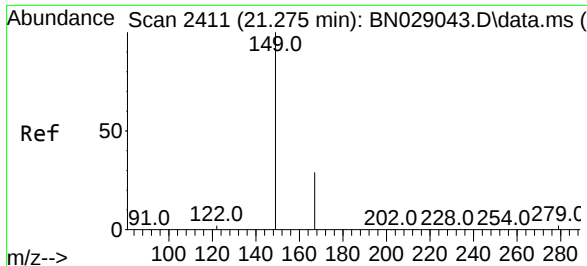
Tgt Ion:240 Resp: 2658
Ion Ratio Lower Upper
240 100
120 9.8 6.7 10.1
236 33.6 25.7 38.5



#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

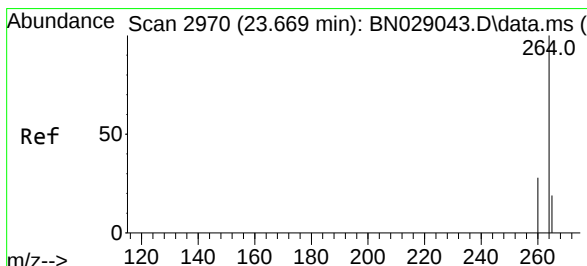
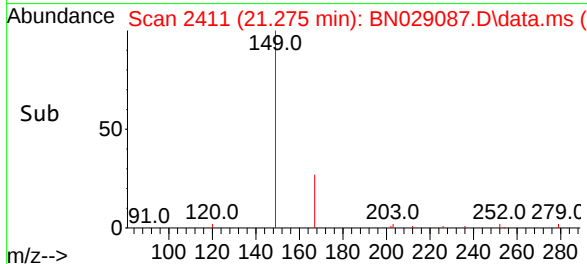
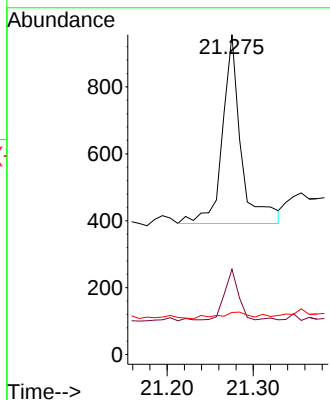
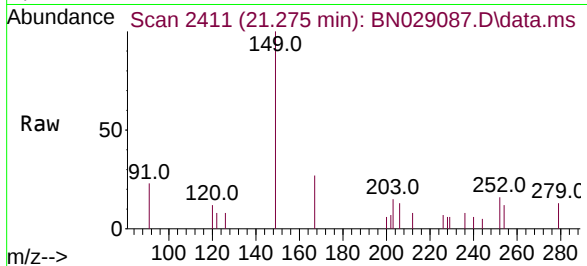




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029087.D
Acq: 07 Dec 2023 11:14

Instrument :
BNA_N
ClientSampleId :
O-5(5-10)

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#

