

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028948.D
 Acq On : 01 Dec 2023 15:29
 Operator : MA/JU
 Sample : 05350-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20231107

Quant Time: Dec 01 16:20:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

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

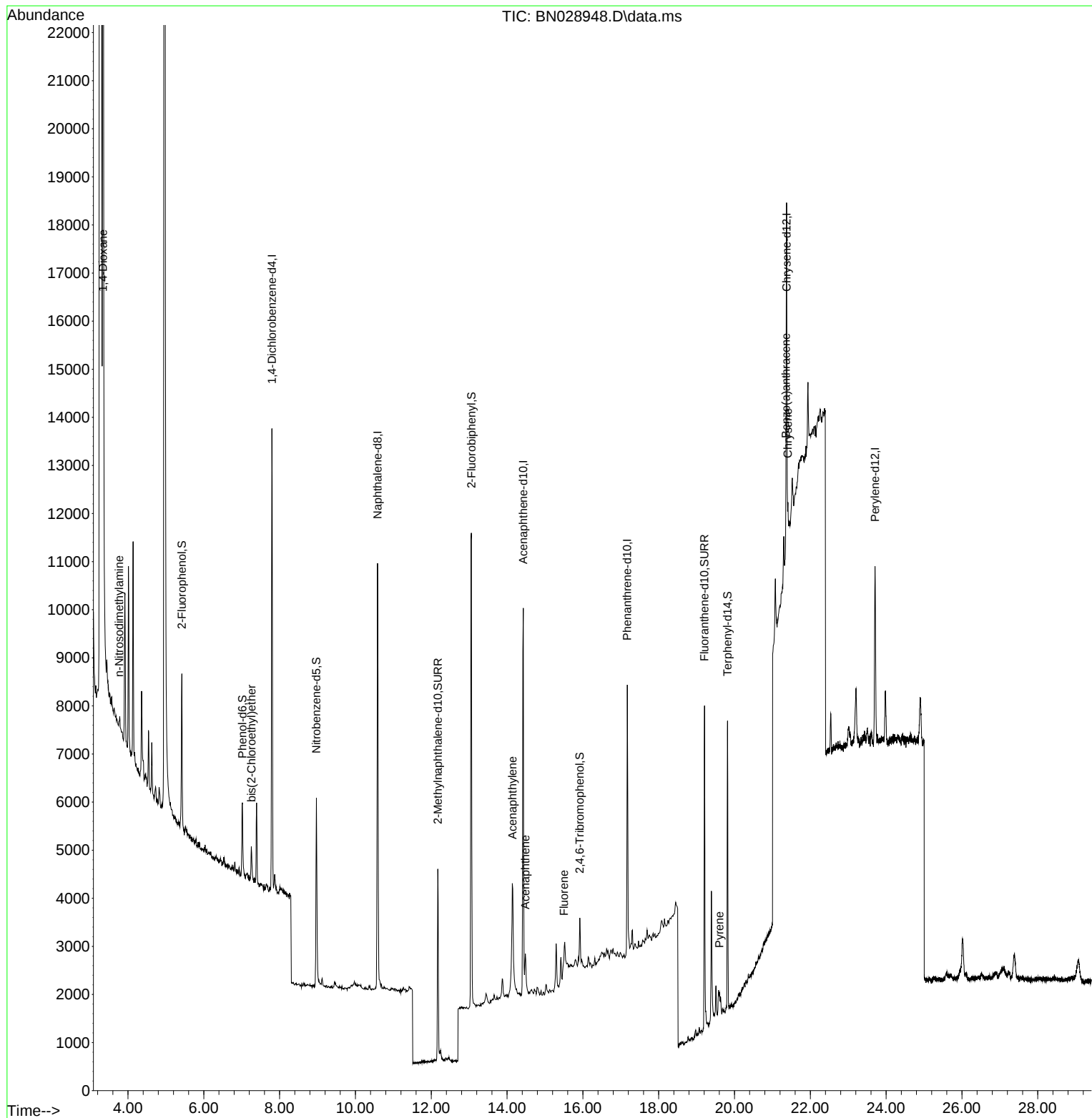
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	4421	0.400	ng	-0.01
7) Naphthalene-d8	10.584	136	11643	0.400	ng	-0.01
13) Acenaphthene-d10	14.428	164	4844	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7593	0.400	ng	-0.01
29) Chrysene-d12	21.374	240	5005	0.400	ng	# 0.00
35) Perylene-d12	23.708	264	4920	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	2165	0.162	ng	-0.03
5) Phenol-d6	7.017	99	1428	0.096	ng	-0.03
8) Nitrobenzene-d5	8.971	82	3386	0.293	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	5352	0.286	ng	-0.01
14) 2,4,6-Tribromophenol	15.918	330	626	0.191	ng	-0.01
15) 2-Fluorobiphenyl	13.060	172	9435	0.451	ng	-0.01
27) Fluoranthene-d10	19.209	212	7321	0.367	ng	0.00
31) Terphenyl-d14	19.817	244	6018	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	29300	6.767	ng	95
3) n-Nitrosodimethylamine	3.767	42	130	0.110	ng	# 36
6) bis(2-Chloroethyl)ether	7.255	93	546	0.044	ng	91
16) Acenaphthylene	14.140	152	6254	0.244	ng	96
17) Acenaphthene	14.482	154	756	0.044	ng	94
18) Fluorene	15.497	166	852	0.040	ng	# 11
30) Pyrene	19.604	202	767	0.114	ng	# 80
32) Benzo(a)anthracene	21.356	228	552	0.026	ng	# 1
33) Chrysene	21.409	228	736	0.035	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.302	149	1277	Below Cal		# 84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028948.D
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Sample : 05350-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

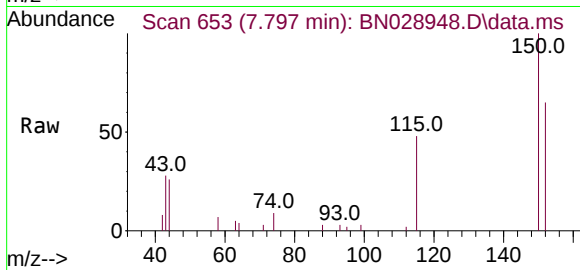
Quant Time: Dec 01 16:20:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
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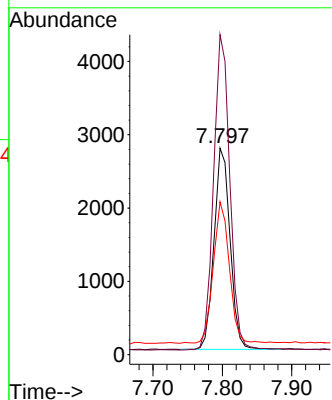
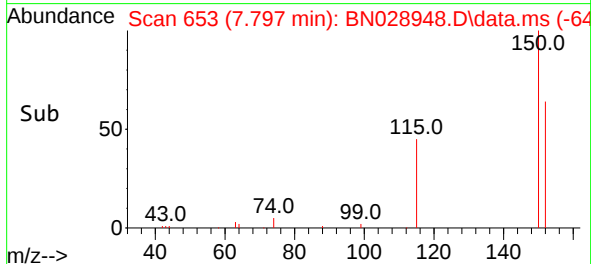


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

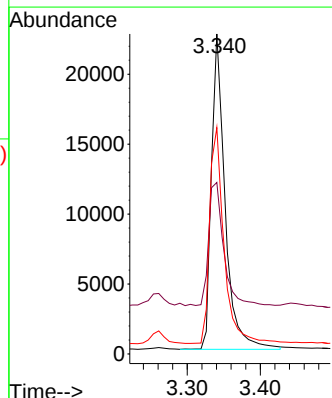
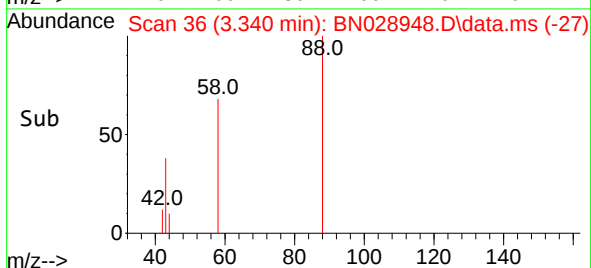
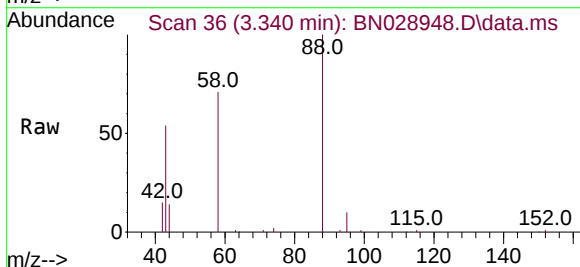


Tgt Ion:152 Resp: 4421
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 74.0 59.1 88.7



#2
1,4-Dioxane
Concen: 6.767 ng
RT: 3.340 min Scan# 36
Delta R.T. -0.036 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion: 88 Resp: 29300
Ion Ratio Lower Upper
88 100
43 42.5 29.9 44.9
58 71.8 55.0 82.4

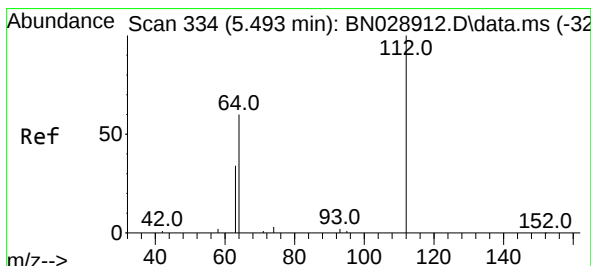
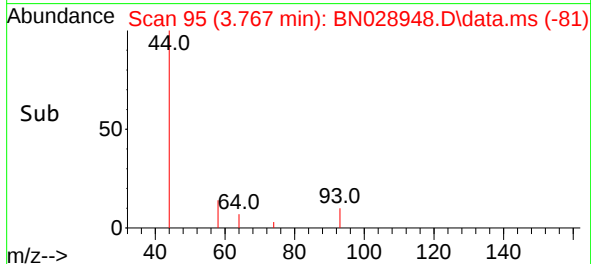
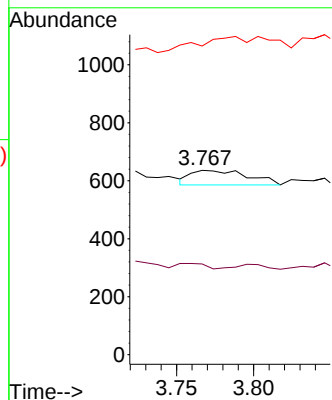
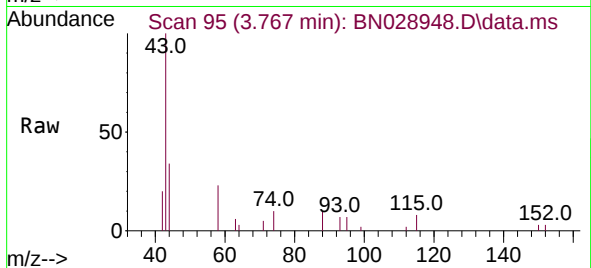




#3
n-Nitrosodimethylamine
Concen: 0.110 ng
RT: 3.767 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

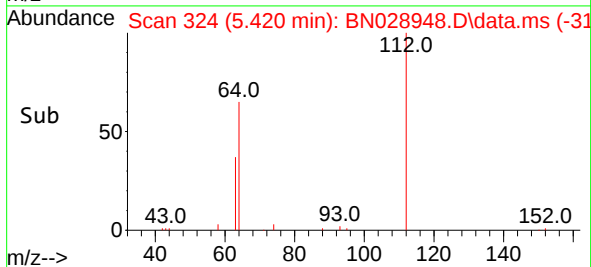
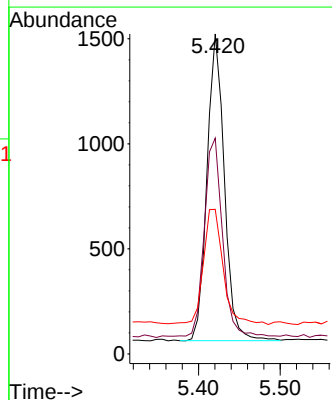
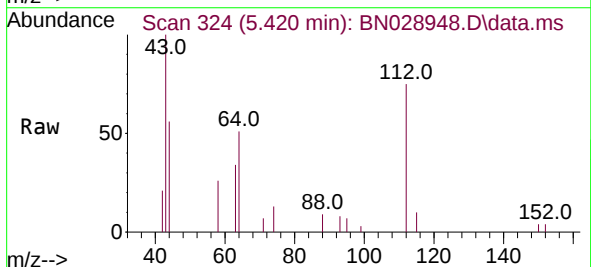
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

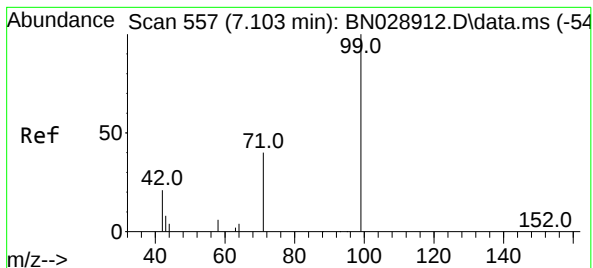
Tgt Ion: 42 Resp: 130
Ion Ratio Lower Upper
42 100
74 18.5 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.420 min Scan# 324
Delta R.T. -0.029 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion: 112 Resp: 2165
Ion Ratio Lower Upper
112 100
64 66.8 51.5 77.3
63 42.7 30.4 45.6





#5

Phenol-d6

Concen: 0.096 ng

RT: 7.017 min Scan# 54

Delta R.T. -0.029 min

Lab File: BN028948.D

Acq: 01 Dec 2023 15:29

Instrument :

BNA_N

ClientSampleId :

RE115D2-20231107

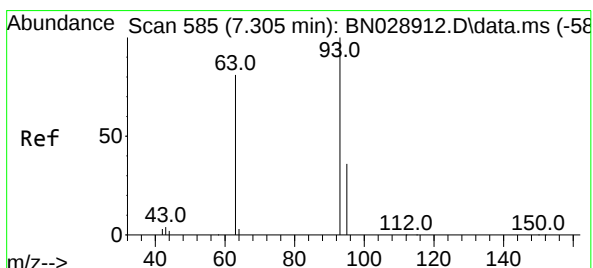
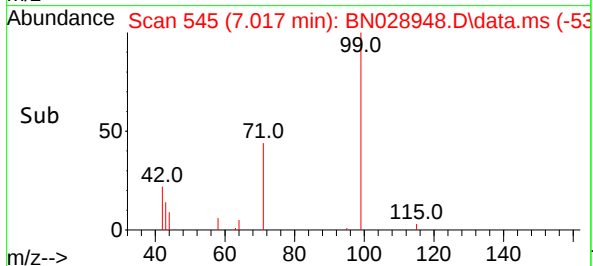
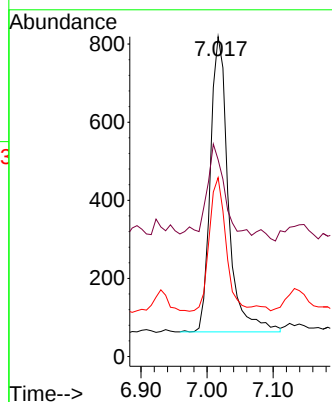
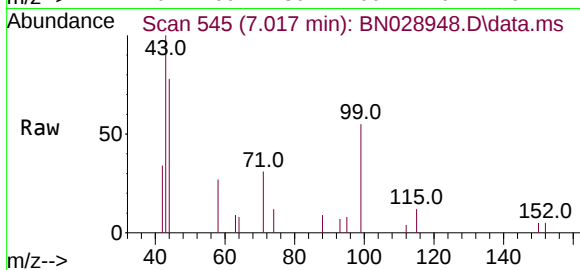
Tgt Ion: 99 Resp: 1428

Ion Ratio Lower Upper

99 100

42 29.5 21.2 31.8

71 41.6 35.4 53.0



#6

bis(2-Chloroethyl)ether

Concen: 0.044 ng

RT: 7.255 min Scan# 578

Delta R.T. -0.022 min

Lab File: BN028948.D

Acq: 01 Dec 2023 15:29

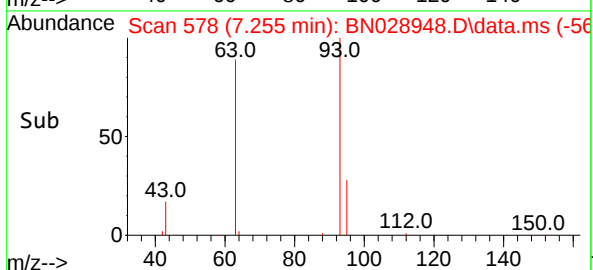
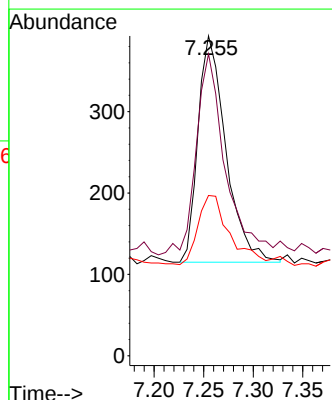
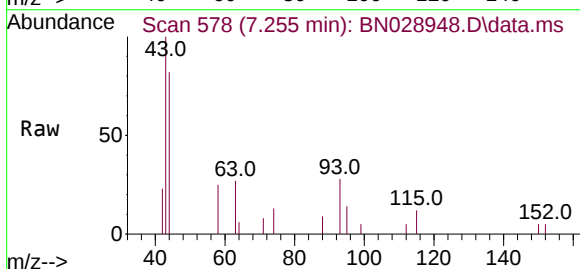
Tgt Ion: 93 Resp: 546

Ion Ratio Lower Upper

93 100

63 94.0 66.9 100.3

95 34.2 28.2 42.4

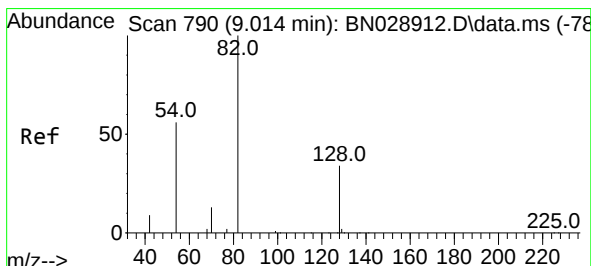
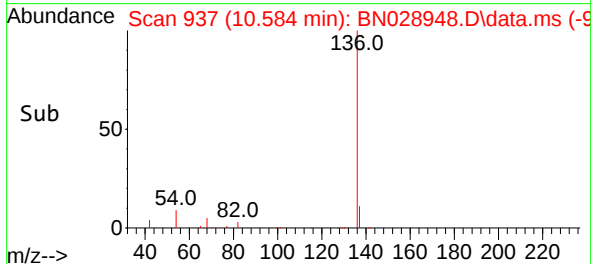
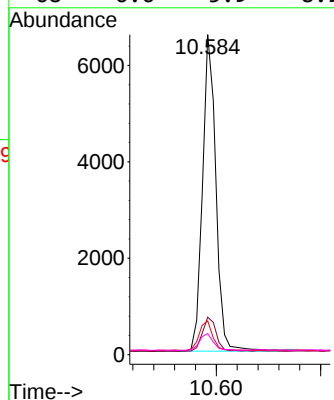
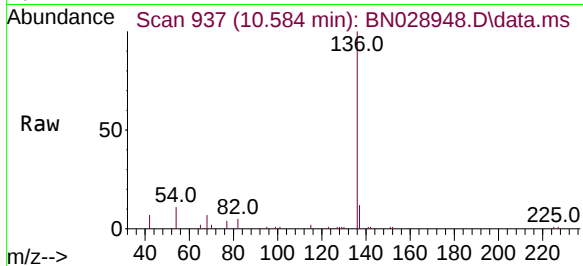




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

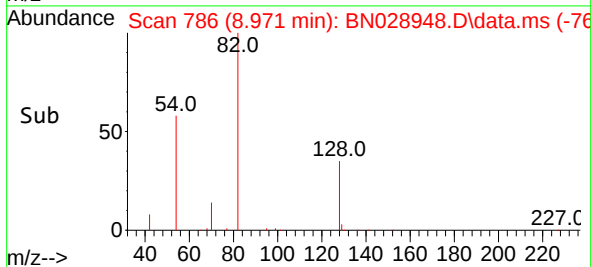
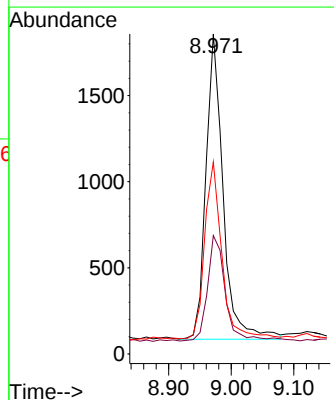
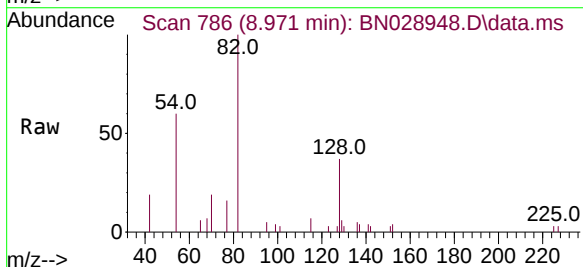
Instrument :
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RE115D2-20231107

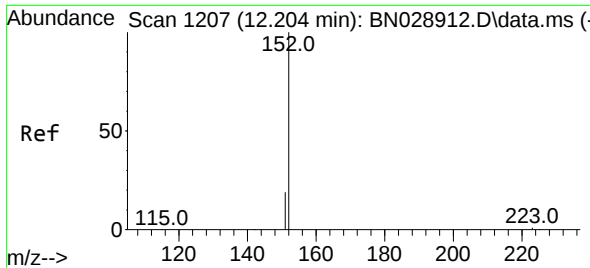
Tgt Ion:	136	Resp:	11643
Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.6	16.0
54	10.5	7.5	11.3
68	6.6	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:	82	Resp:	3386
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.2	43.8
54	60.0	47.0	70.6

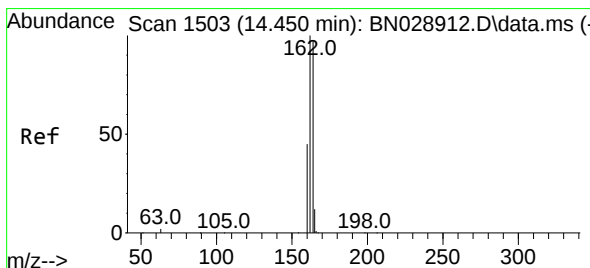
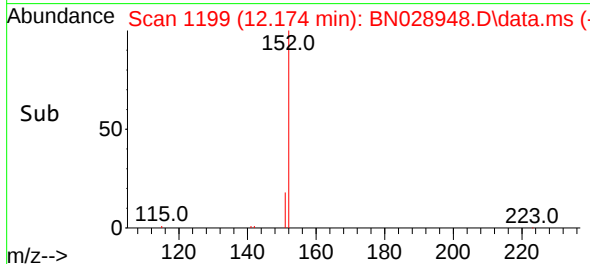
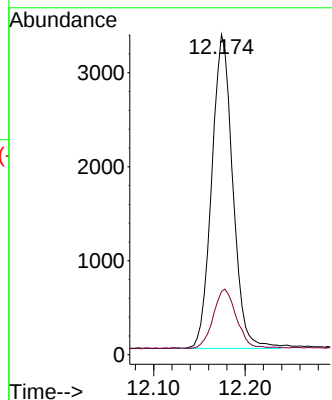
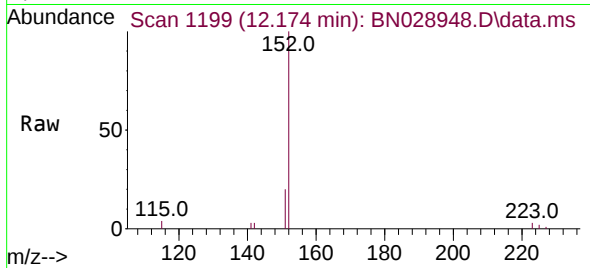




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.174 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

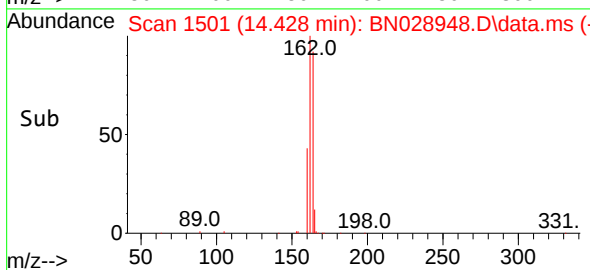
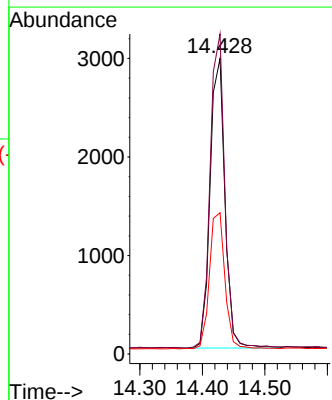
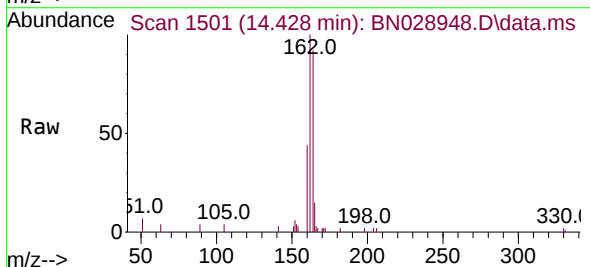
Instrument :
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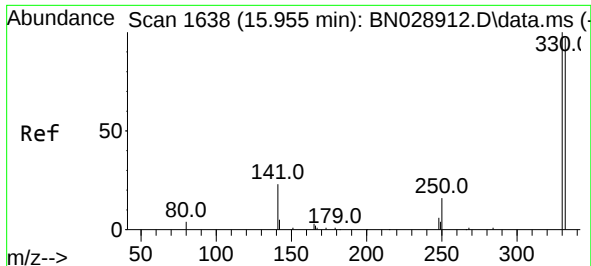
Tgt Ion:152 Resp: 5352
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

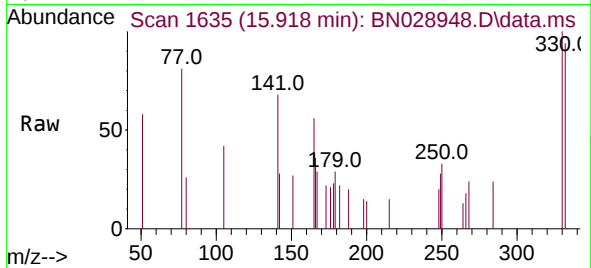
Tgt Ion:164 Resp: 4844
Ion Ratio Lower Upper
164 100
162 108.3 81.7 122.5
160 47.8 37.0 55.6



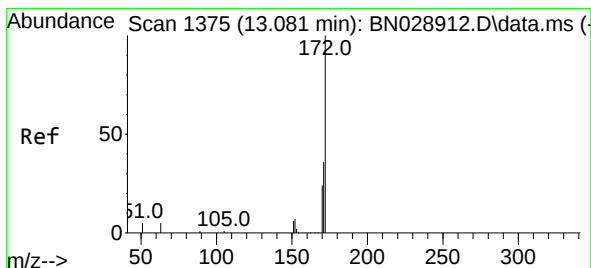
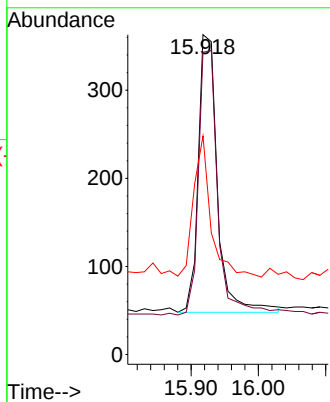
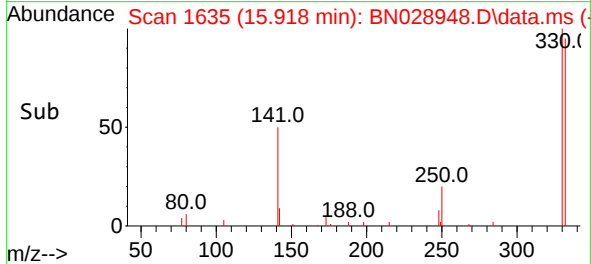


#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.918 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

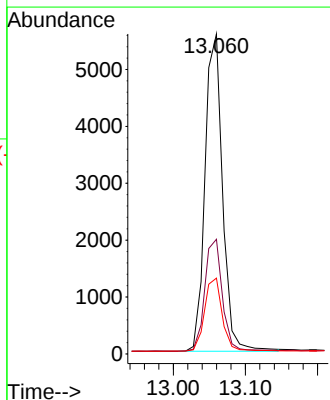
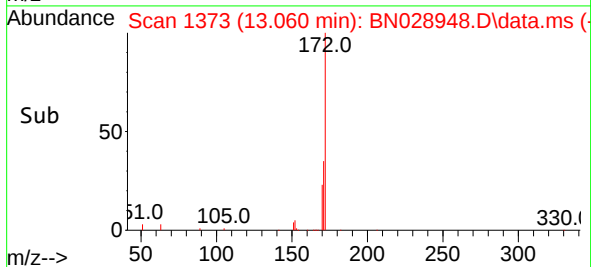
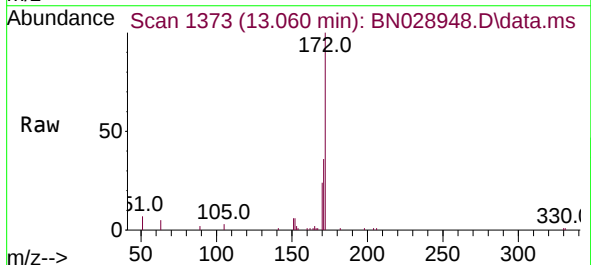


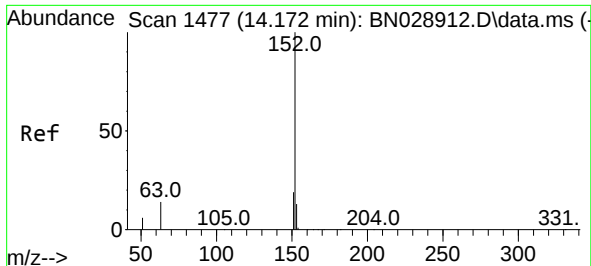
Tgt Ion:330 Resp: 626
Ion Ratio Lower Upper
330 100
332 95.0 75.4 113.2
141 45.2 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:172 Resp: 9435
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.7 19.7 29.5

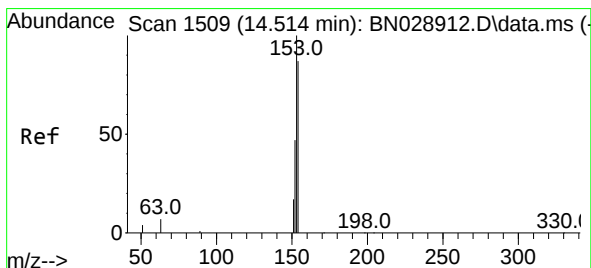
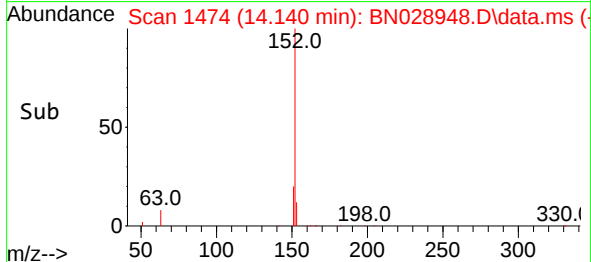
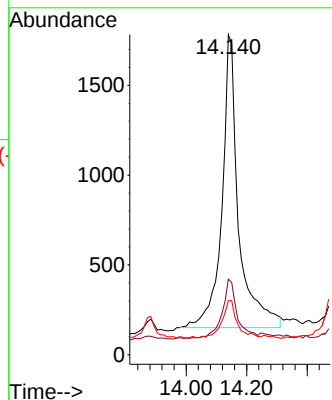
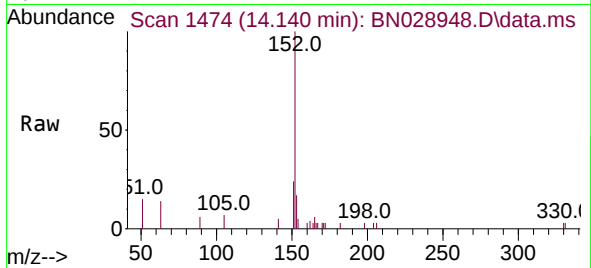




#16
Acenaphthylene
Concen: 0.244 ng
RT: 14.140 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

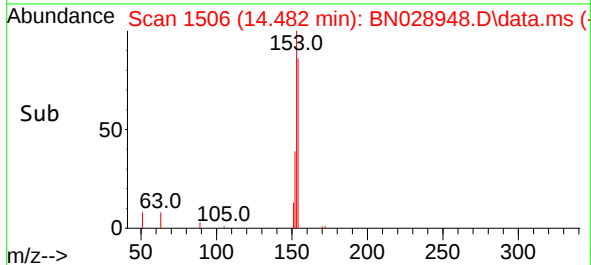
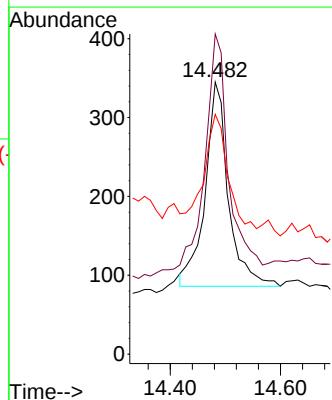
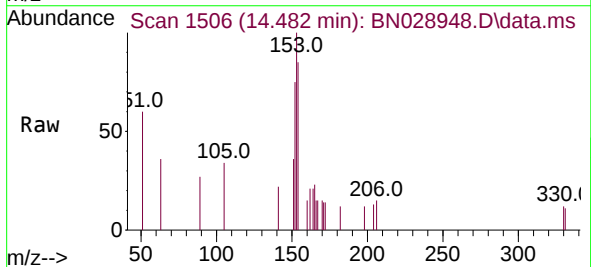
Instrument :
BNA_N
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RE115D2-20231107

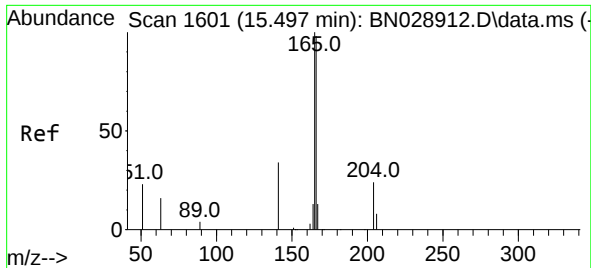
Tgt Ion:152 Resp: 6254
Ion Ratio Lower Upper
152 100
151 18.2 15.9 23.9
153 12.0 10.8 16.2



#17
Acenaphthene
Concen: 0.044 ng
RT: 14.482 min Scan# 1506
Delta R.T. -0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:154 Resp: 756
Ion Ratio Lower Upper
154 100
153 106.7 93.8 140.6
152 55.6 44.5 66.7

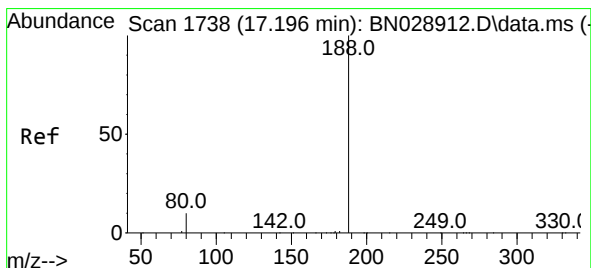
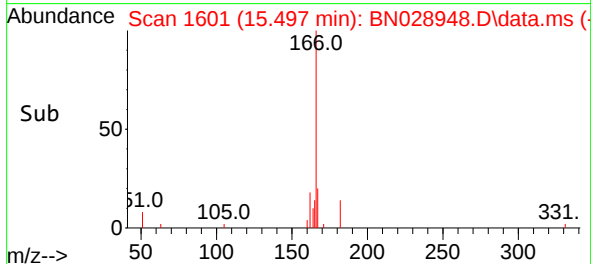
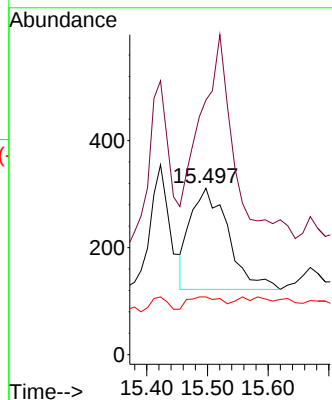
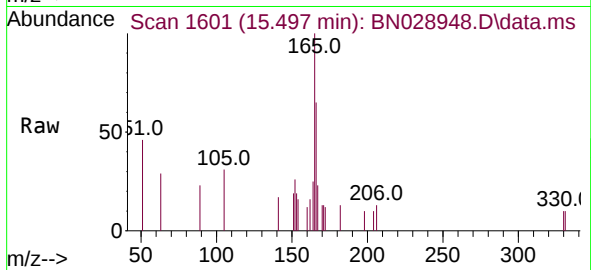




#18
Fluorene
Concen: 0.040 ng
RT: 15.497 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

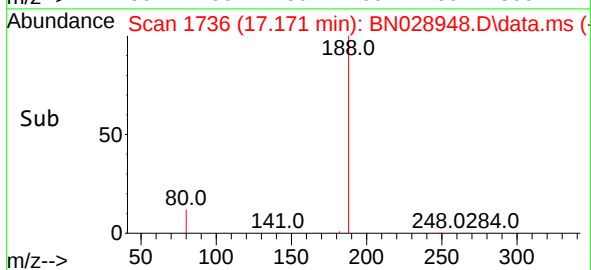
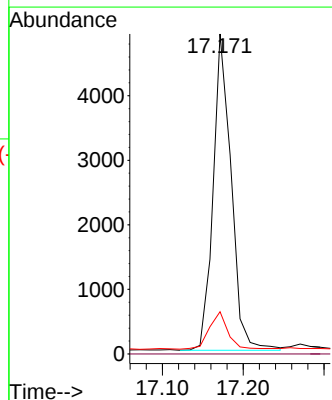
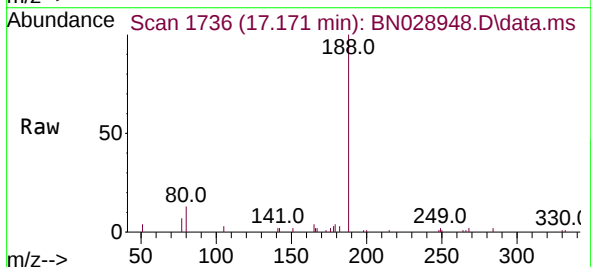
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

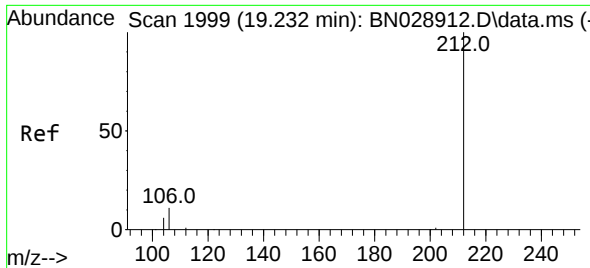
Tgt Ion:166 Resp: 852
Ion Ratio Lower Upper
166 100
165 0.0 79.4 119.2#
167 10.3 11.0 16.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:188 Resp: 7593
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 9.0 13.6

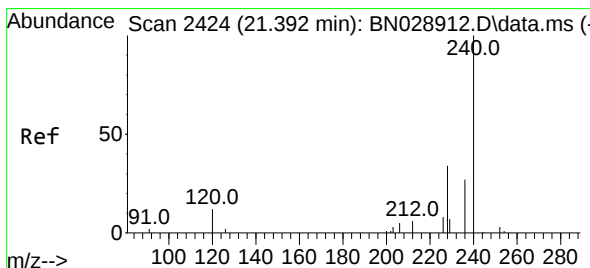
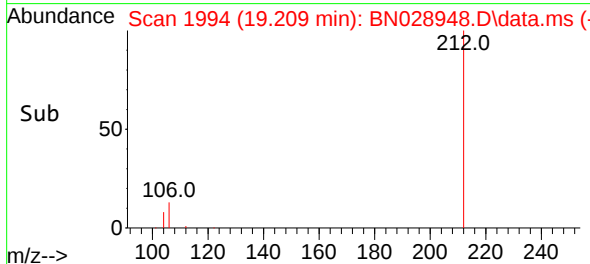
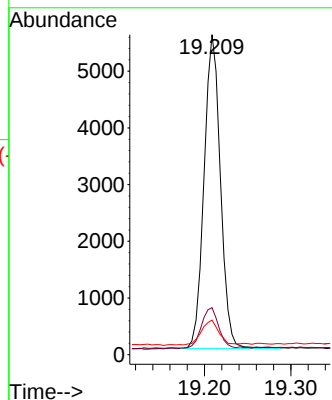
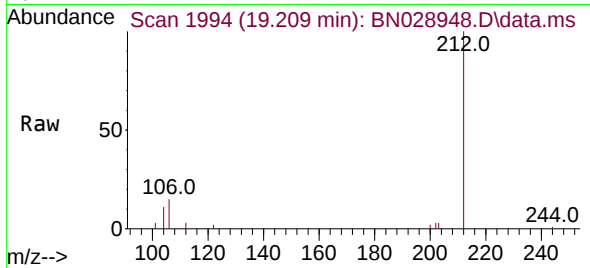




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

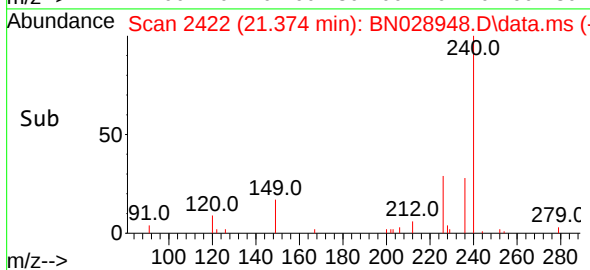
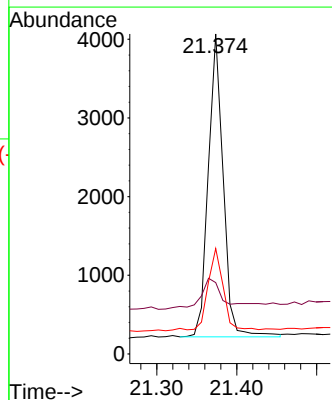
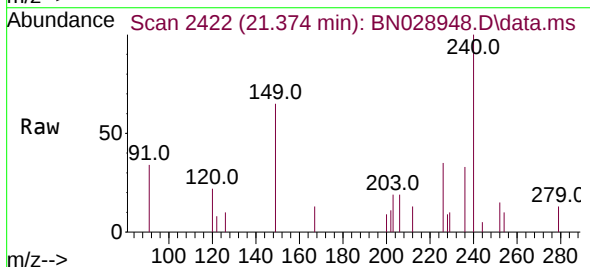
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

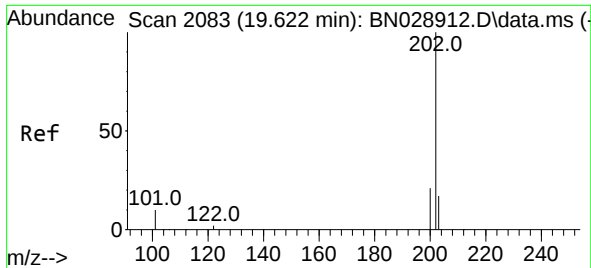
Tgt Ion:212 Resp: 7321
Ion Ratio Lower Upper
212 100
106 13.7 9.4 14.2
104 8.3 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:240 Resp: 5005
Ion Ratio Lower Upper
240 100
120 22.3 37.1 55.7#
236 32.9 32.4 48.6





#30

Pyrene

Concen: 0.114 ng

RT: 19.604 min Scan# 2083

Delta R.T. -0.005 min

Lab File: BN028948.D

Acq: 01 Dec 2023 15:29

Instrument :

BNA_N

ClientSampleId :

RE115D2-20231107

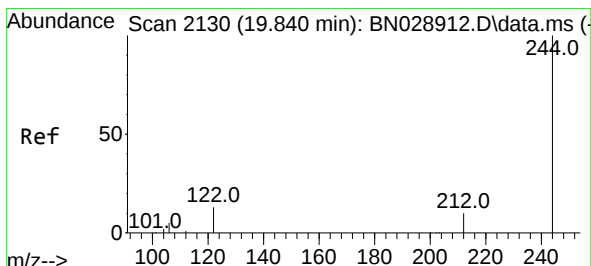
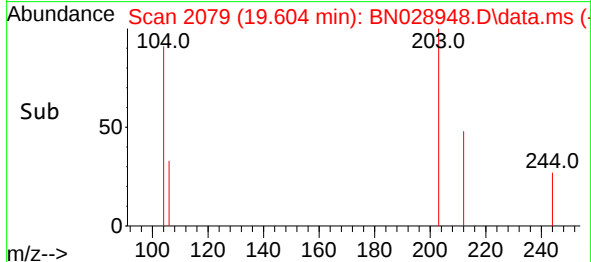
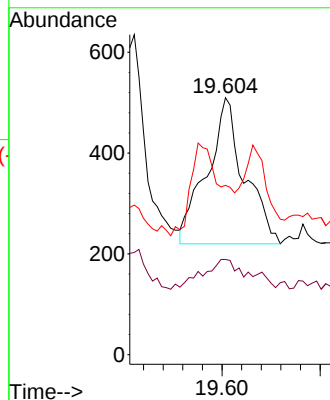
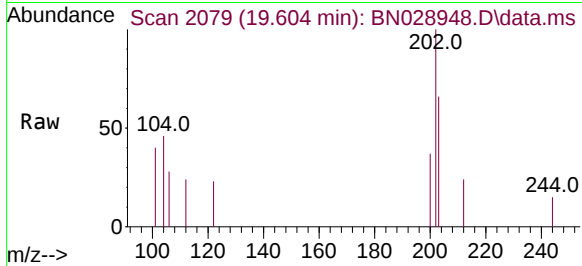
Tgt Ion:202 Resp: 767

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 0.0 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.414 ng

RT: 19.817 min Scan# 2125

Delta R.T. -0.005 min

Lab File: BN028948.D

Acq: 01 Dec 2023 15:29

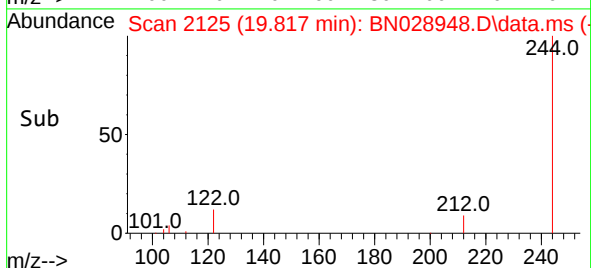
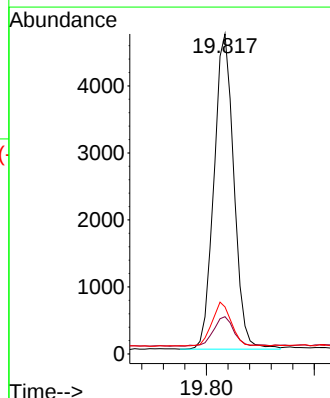
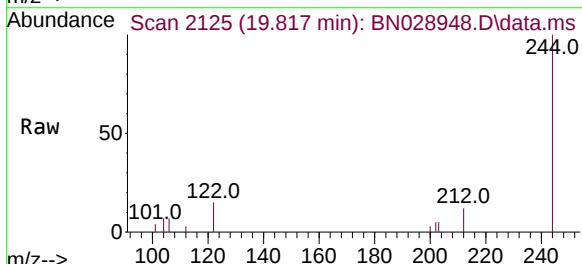
Tgt Ion:244 Resp: 6018

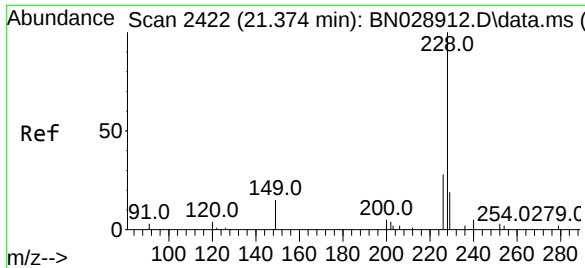
Ion Ratio Lower Upper

244 100

212 11.7 11.5 17.3

122 14.7 13.2 19.8

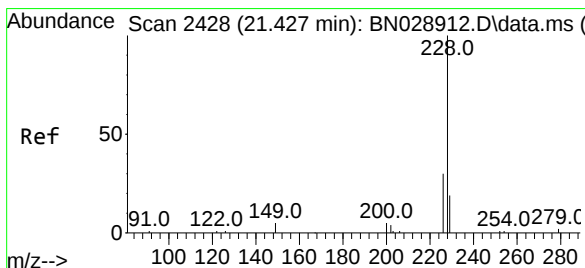
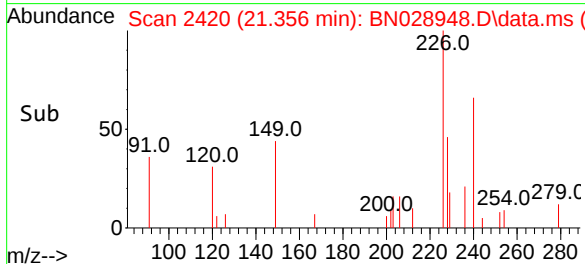
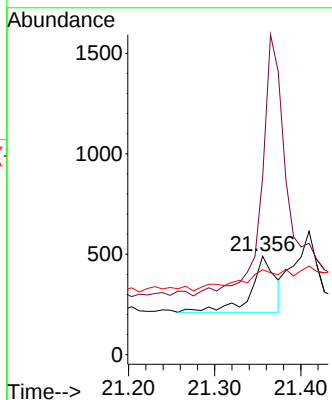
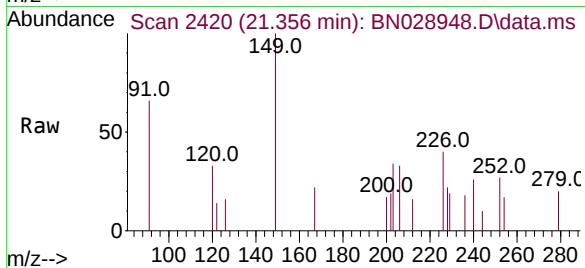




#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

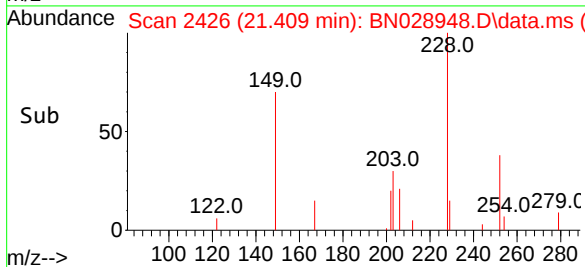
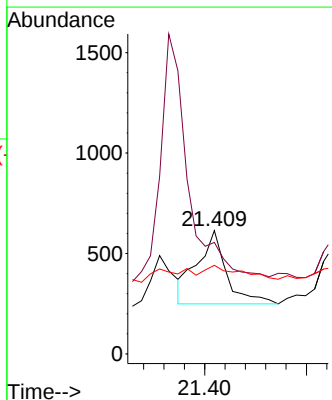
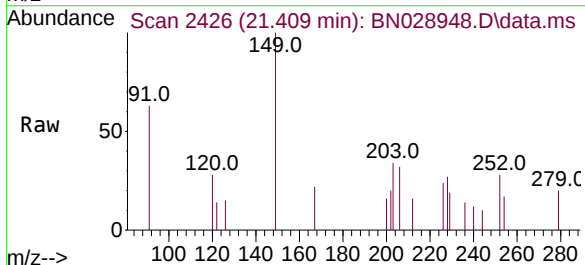
Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

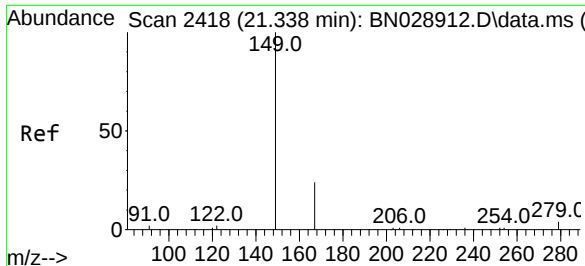
Tgt Ion:228 Resp: 552
Ion Ratio Lower Upper
228 100
226 180.4 26.5 39.7#
229 86.3 16.4 24.6#



#33
Chrysene
Concen: 0.035 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:228 Resp: 736
Ion Ratio Lower Upper
228 100
226 90.4 28.3 42.5#
229 71.8 16.4 24.6#

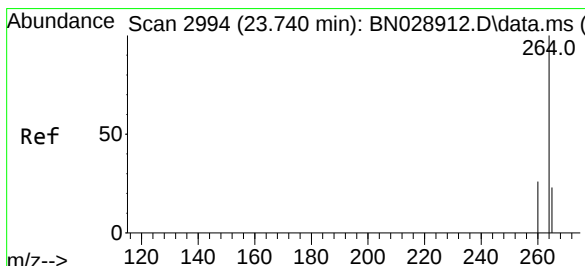
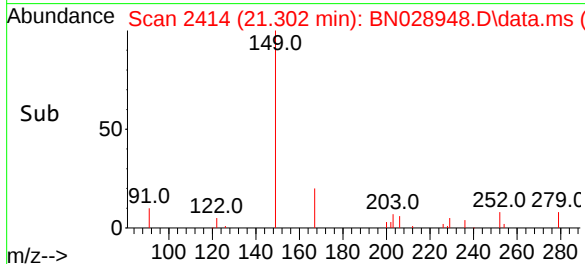
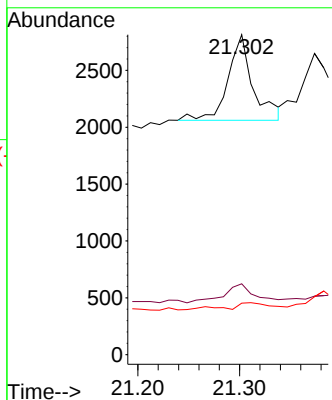
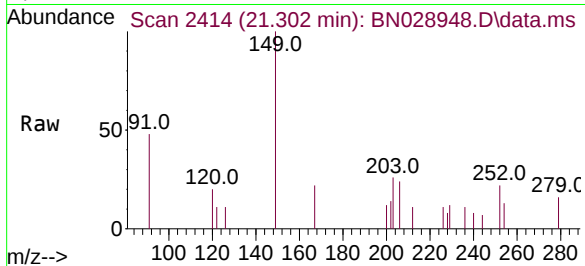




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.302 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Instrument :
BNA_N
ClientSampleId :
RE115D2-20231107

Tgt Ion:149 Resp: 1277
Ion Ratio Lower Upper
149 100
167 27.5 14.9 22.3#
279 10.3 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.708 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BN028948.D
Acq: 01 Dec 2023 15:29

Tgt Ion:264 Resp: 4920
Ion Ratio Lower Upper
264 100
260 31.2 20.6 30.8#
265 136.6 464.5 696.7#

