

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021516.D
 Acq On : 01 Sep 2022 08:00
 Operator : CG/JU
 Sample : N4360-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824

Quant Time: Sep 01 08:41:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

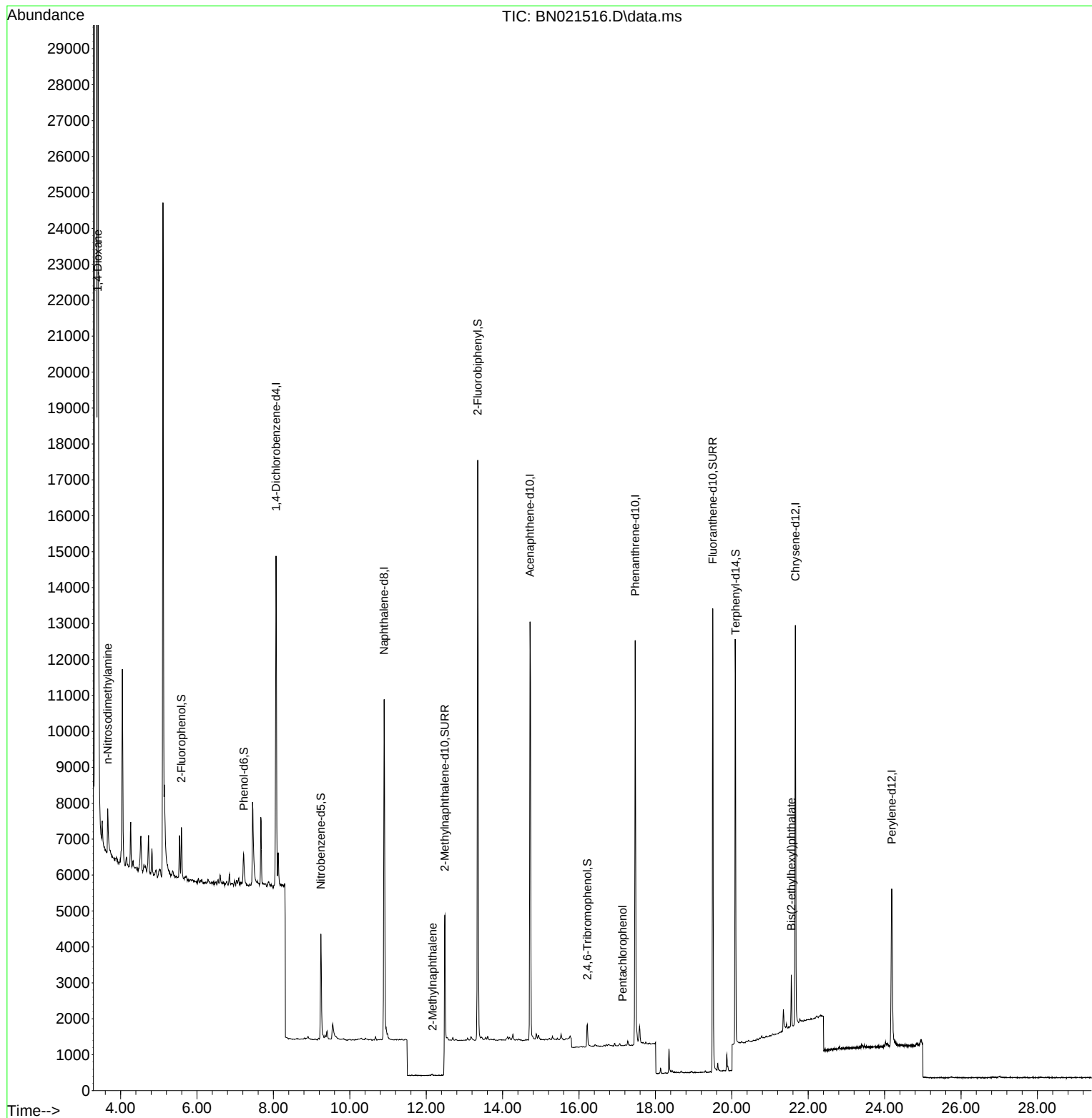
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4281	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	13129	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	7106	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	15209	0.400	ng	-0.01
29) Chrysene-d12	21.664	240	10545	0.400	ng	# 0.00
35) Perylene-d12	24.185	264	7223	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1200	0.143	ng	0.00
5) Phenol-d6	7.224	99	895	0.084	ng	0.00
8) Nitrobenzene-d5	9.243	82	2669	0.301	ng	-0.01
11) 2-Methylnaphthalene-d10	12.486	152	10154	0.343	ng	-0.01
14) 2,4,6-Tribromophenol	16.218	330	421	0.180	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	14026	0.451	ng	-0.01
27) Fluoranthene-d10	19.501	212	14167	0.362	ng	0.00
31) Terphenyl-d14	20.097	244	10573	0.446	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	46719	8.725	ng	# 90
3) n-Nitrosodimethylamine	3.663	42	254	0.053	ng	# 1
12) 2-Methylnaphthalene	12.168	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.141	266	7	0.204	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.557	149	1383	0.093	ng	98

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

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Operator : CG/JU
Sample : N4360-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824

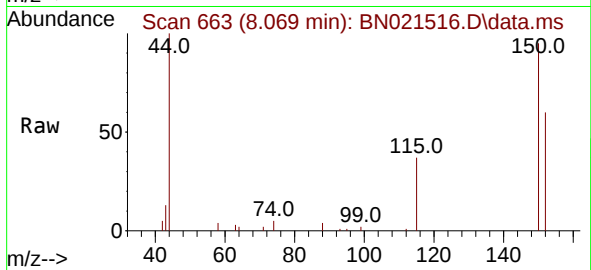
Quant Time: Sep 01 08:41:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



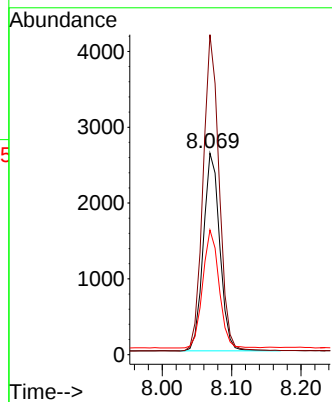
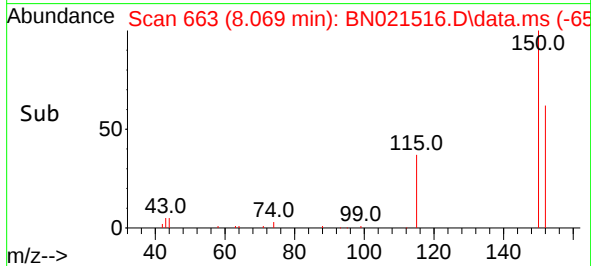


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.014 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824

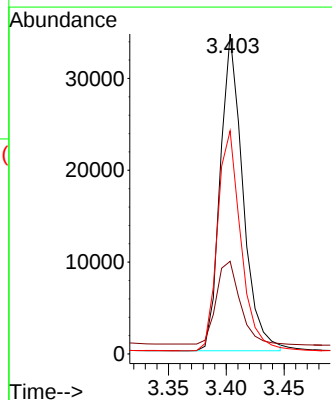
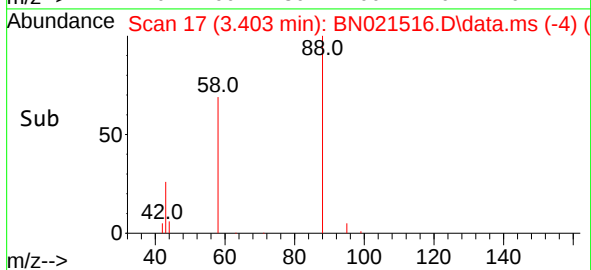
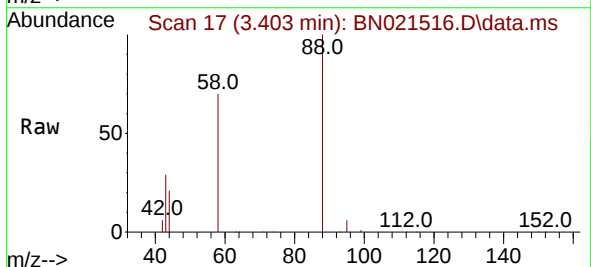


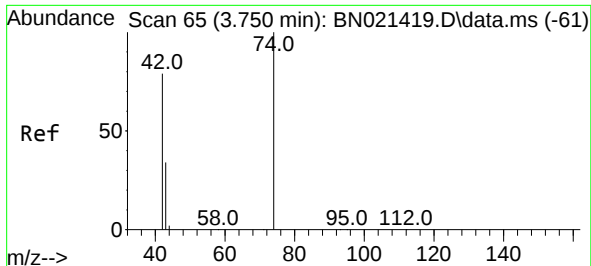
Tgt Ion:152 Resp: 4281
Ion Ratio Lower Upper
152 100
150 158.9 121.4 182.0
115 61.9 48.6 72.8



#2
1,4-Dioxane
Concen: 8.725 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Tgt Ion: 88 Resp: 46719
Ion Ratio Lower Upper
88 100
43 27.5 35.8 53.8#
58 71.8 57.1 85.7

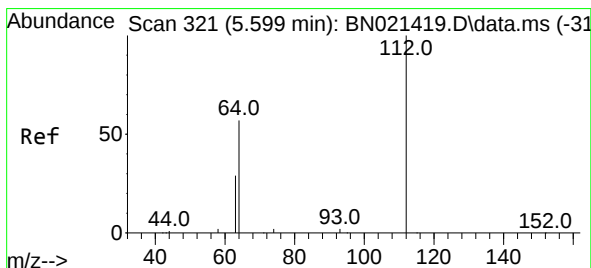
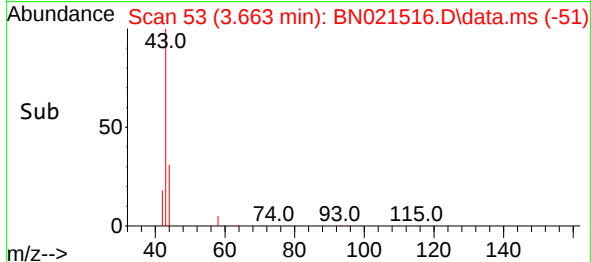
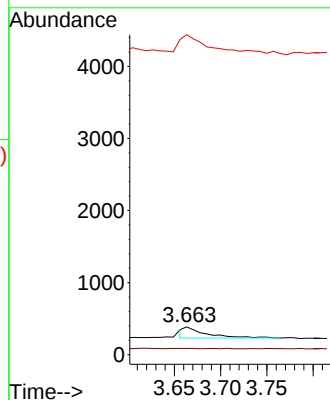
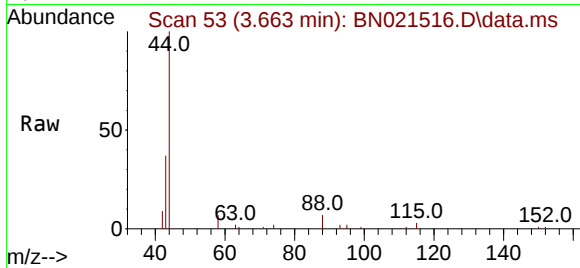




#3
 n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.663 min Scan# 51
 Delta R.T. -0.087 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

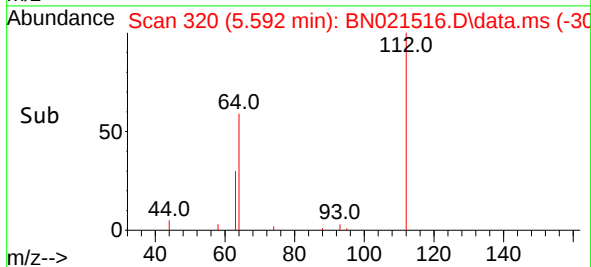
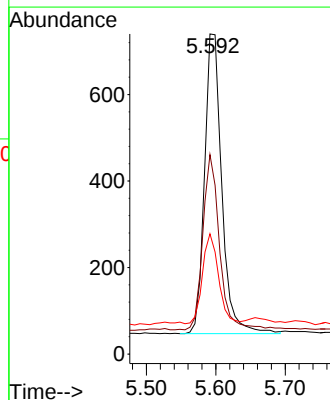
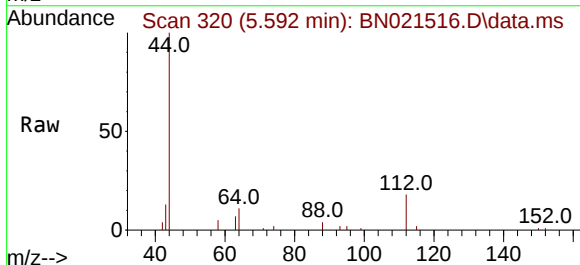
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824

Tgt Ion: 42 Resp: 254
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.0 169.6#
 44 237.0 10.5 15.7#



#4
 2-Fluorophenol
 Concen: 0.143 ng
 RT: 5.592 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

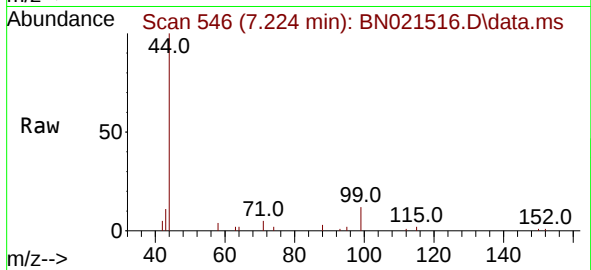
Tgt Ion: 112 Resp: 1200
 Ion Ratio Lower Upper
 112 100
 64 56.8 43.5 65.3
 63 28.0 22.6 34.0



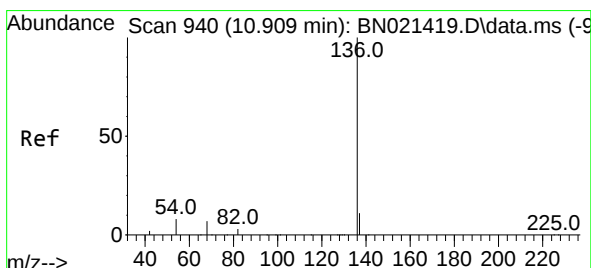
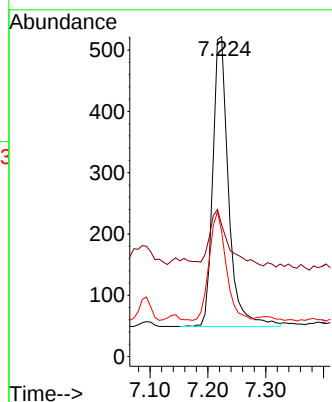
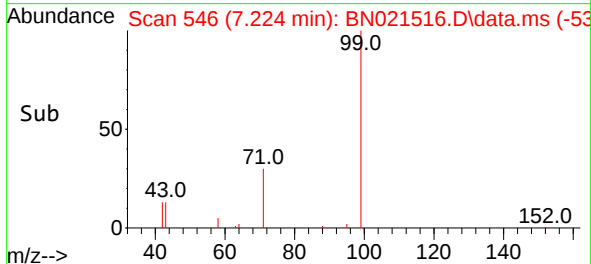


#5
Phenol-d6
Concen: 0.084 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

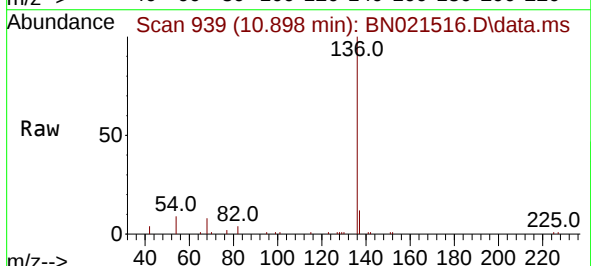
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824



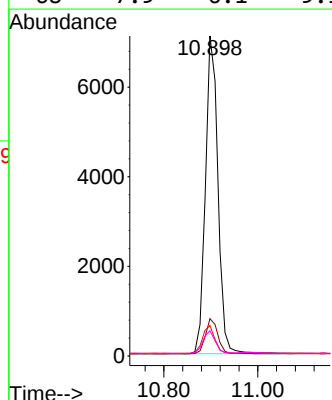
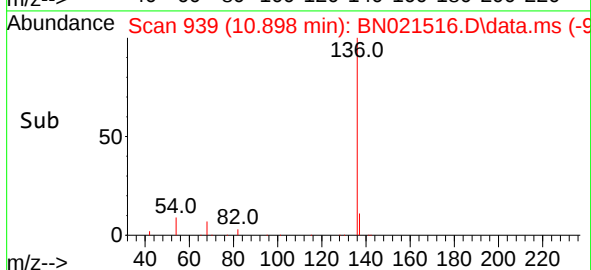
Tgt Ion: 99 Resp: 895
Ion Ratio Lower Upper
99 100
42 22.6 15.5 23.3
71 40.1 24.2 36.2#

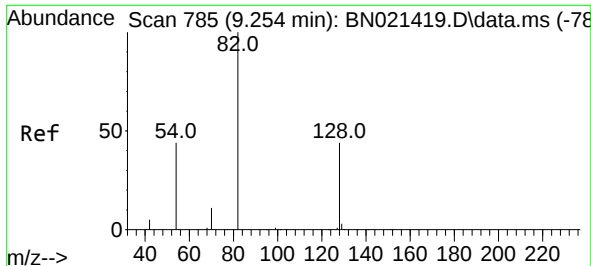


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00



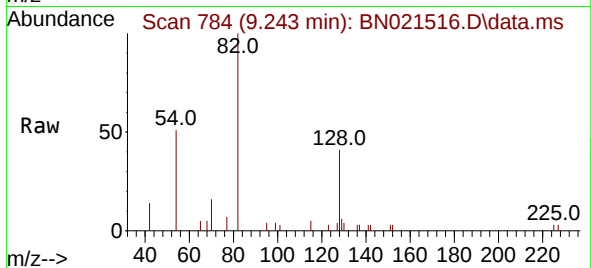
Tgt Ion: 136 Resp: 13129
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.5 6.9 10.3
68 7.9 6.1 9.1



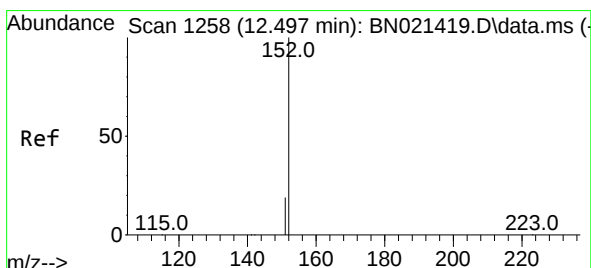
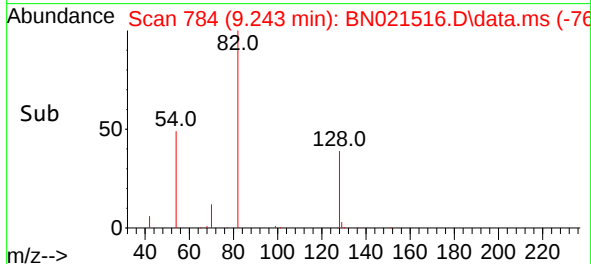
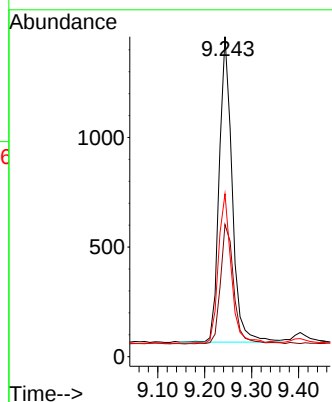


#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 9.243 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824

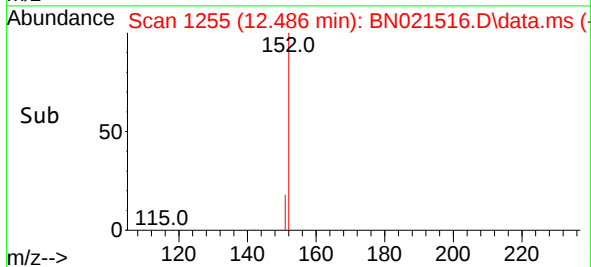
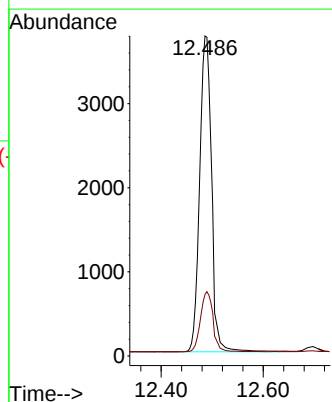
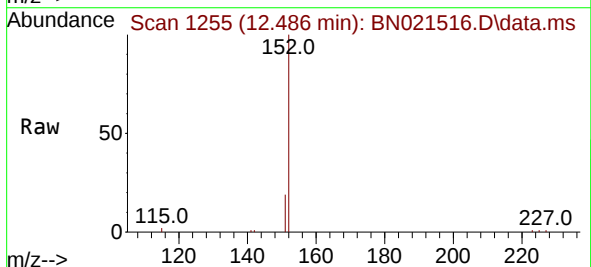


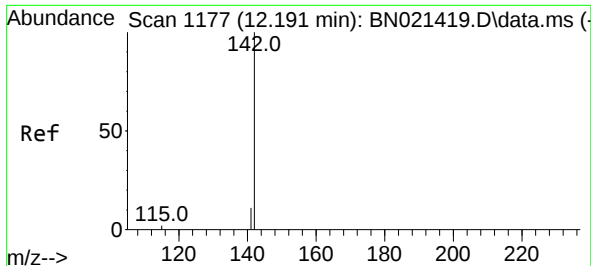
Tgt Ion: 82 Resp: 2669
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 50.9 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.486 min Scan# 1255
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Tgt Ion: 152 Resp: 10154
Ion Ratio Lower Upper
152 100
151 18.9 14.5 21.7

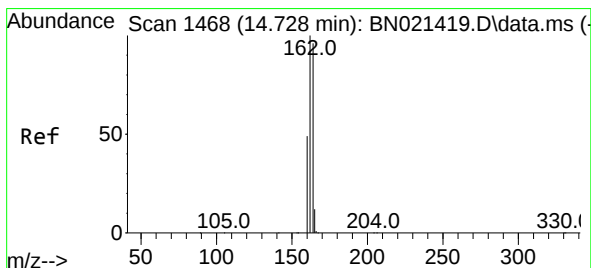
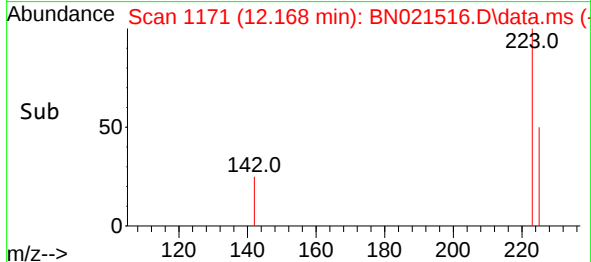
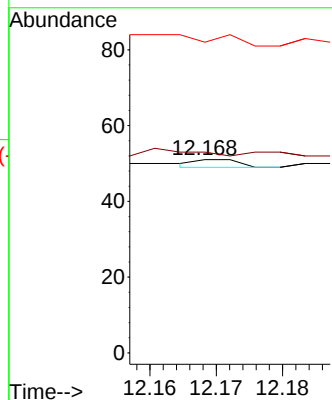
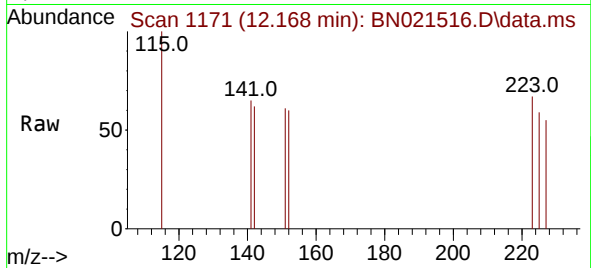




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.168 min Scan# 1171
Delta R.T. -0.023 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

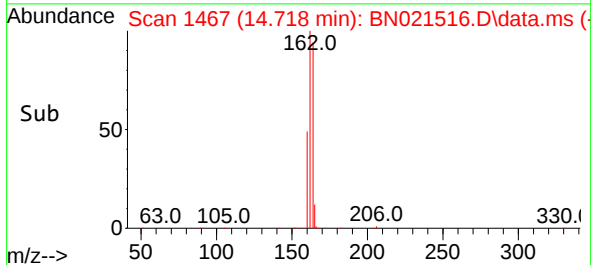
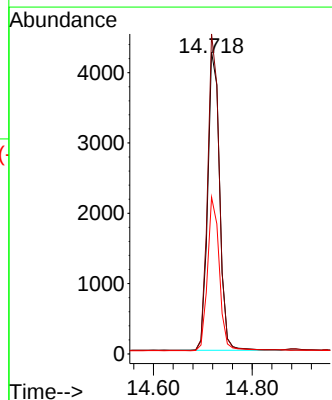
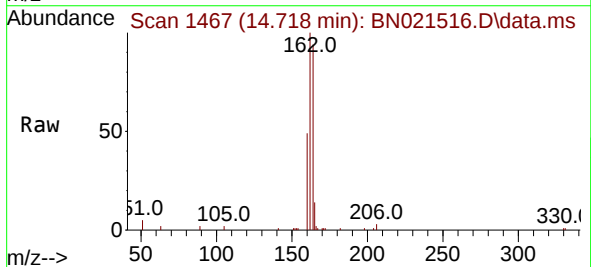
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ClientSampleId :
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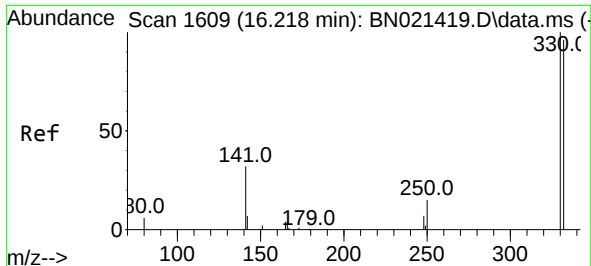
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 103.9 12.2 18.2#
115 160.8 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.010 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Tgt Ion:164 Resp: 7106
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 52.0 39.5 59.3

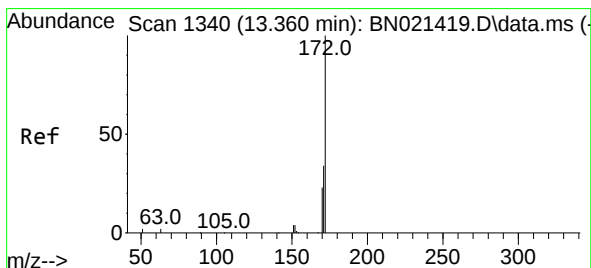
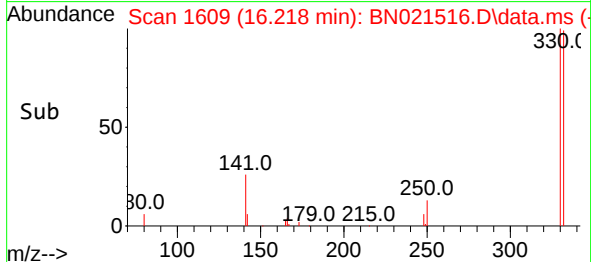
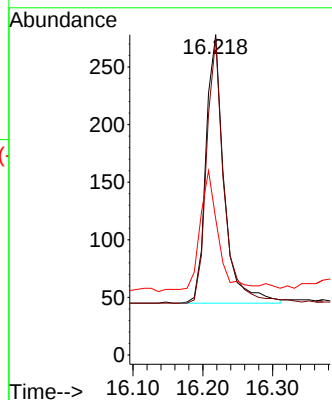
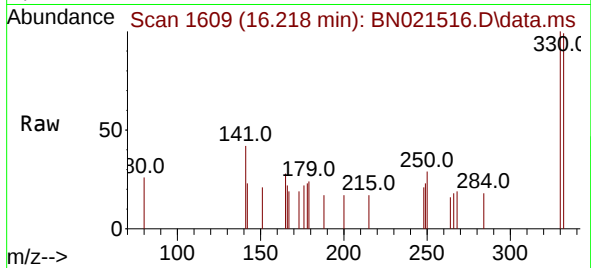




#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

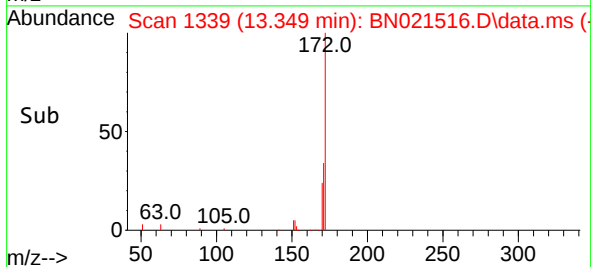
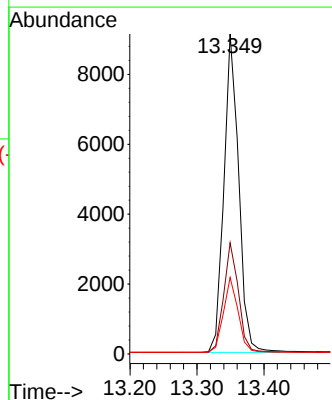
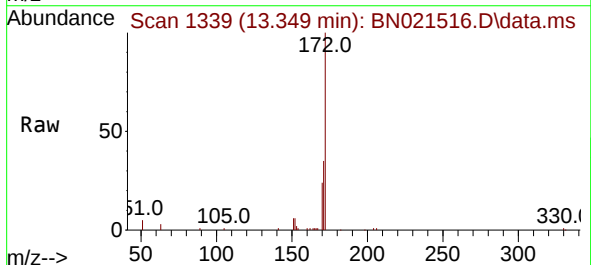
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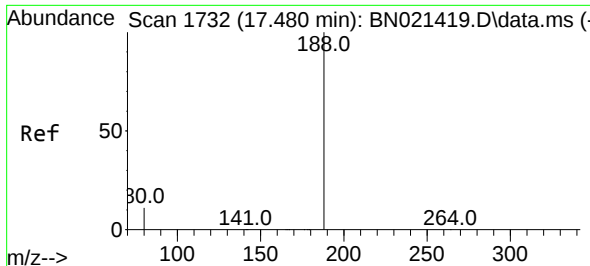
Tgt Ion:330 Resp: 421
Ion Ratio Lower Upper
330 100
332 94.5 79.3 118.9
141 46.1 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Tgt Ion:172 Resp: 14026
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.470 min Scan# 1731

Delta R.T. -0.010 min

Lab File: BN021516.D

Acq: 01 Sep 2022 08:00

Instrument :

BNA_N

ClientSampleId :

RE125D2-20220824

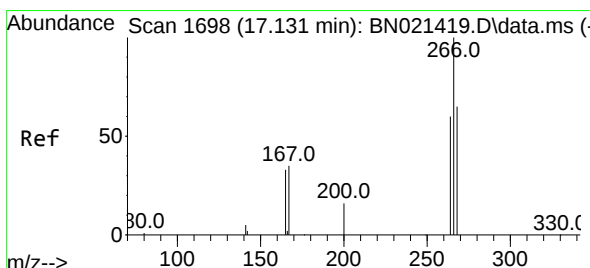
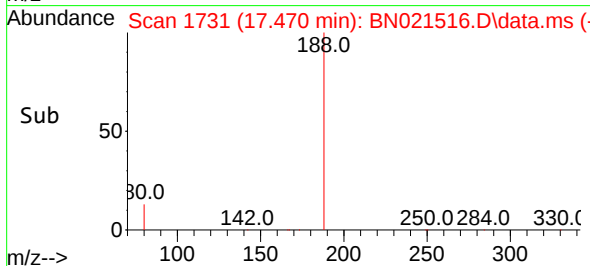
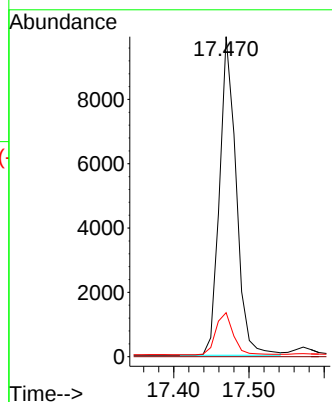
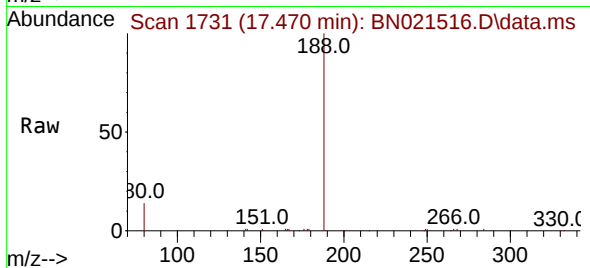
Tgt Ion:188 Resp: 15209

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 9.5 14.3



#24

Pentachlorophenol

Concen: 0.204 ng

RT: 17.141 min Scan# 1699

Delta R.T. 0.010 min

Lab File: BN021516.D

Acq: 01 Sep 2022 08:00

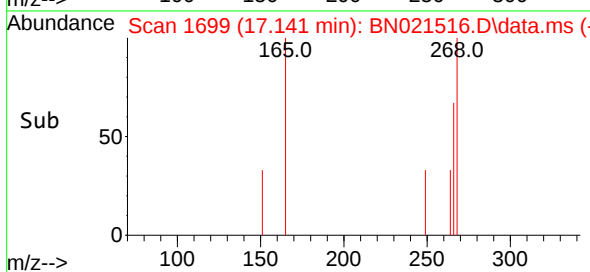
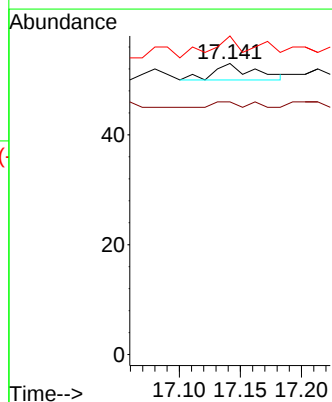
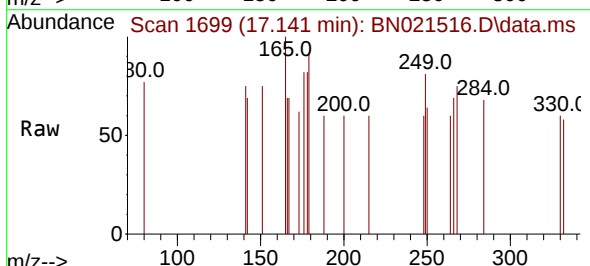
Tgt Ion:266 Resp: 7

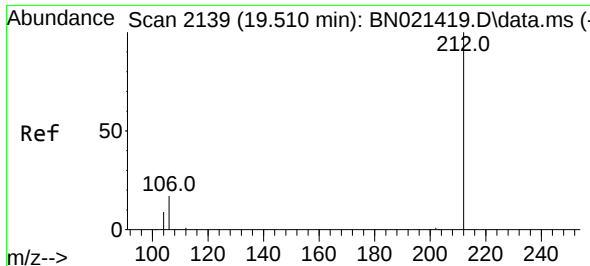
Ion Ratio Lower Upper

266 100

264 28.6 49.0 73.6#

268 100.0 50.9 76.3#

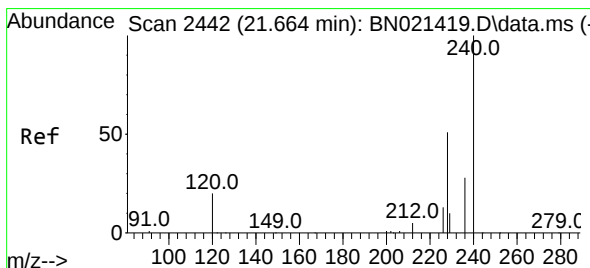
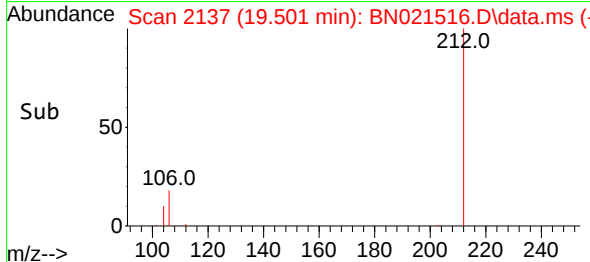
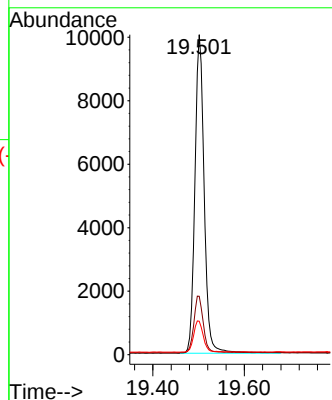
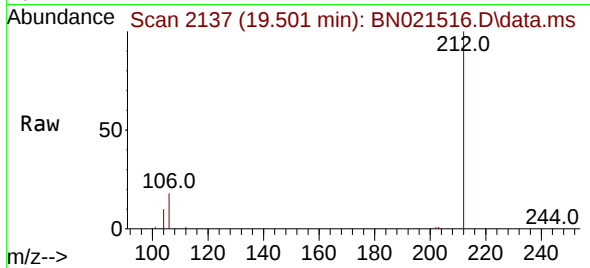




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

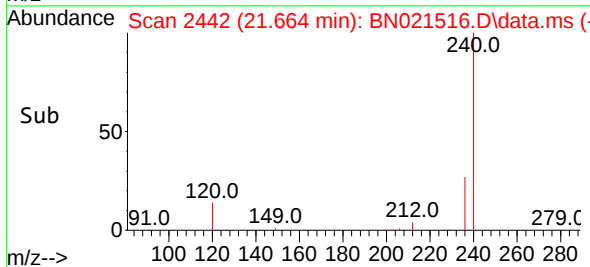
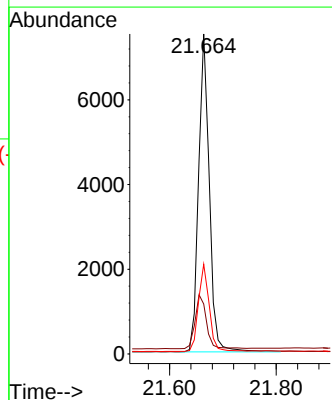
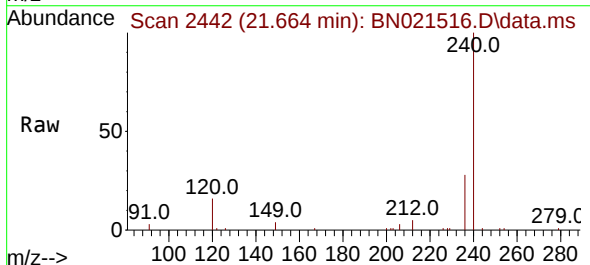
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824

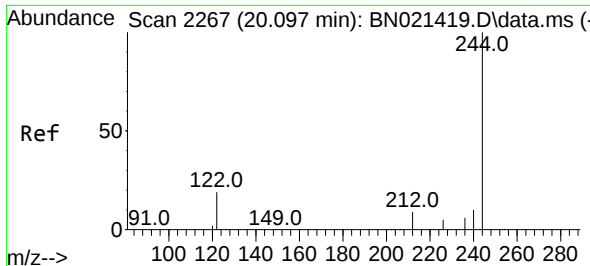
Tgt Ion:212 Resp: 14167
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

Tgt Ion:240 Resp: 10545
Ion Ratio Lower Upper
240 100
120 15.6 10.2 15.4#
236 28.0 22.1 33.1

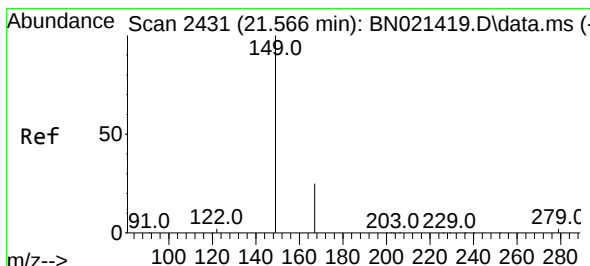
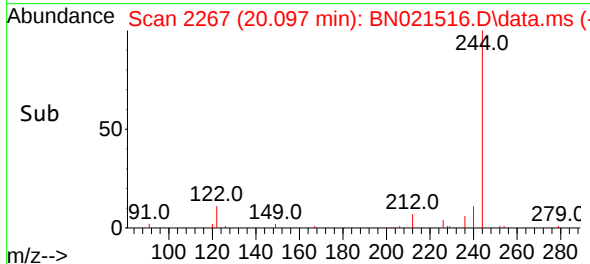
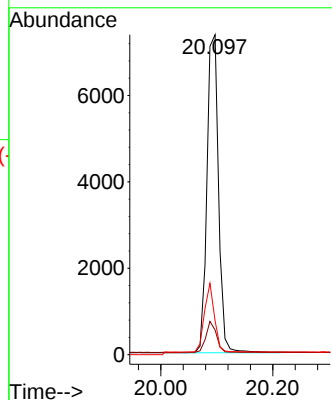
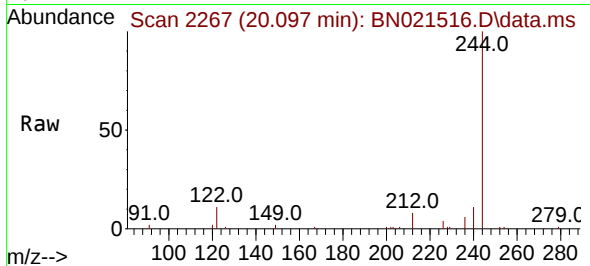




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 20.097 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

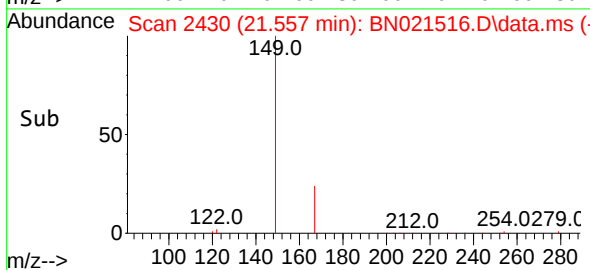
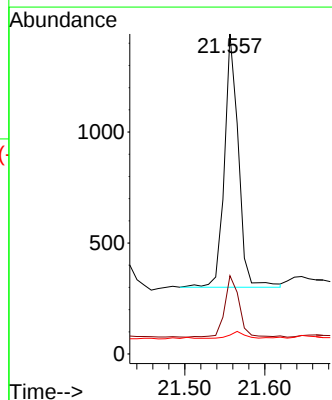
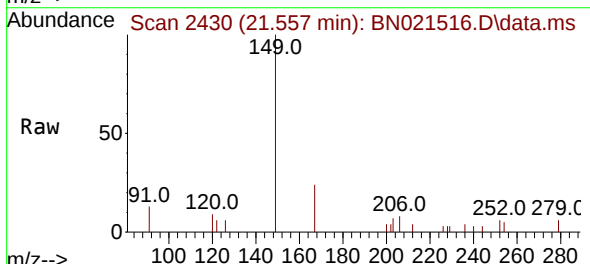
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824

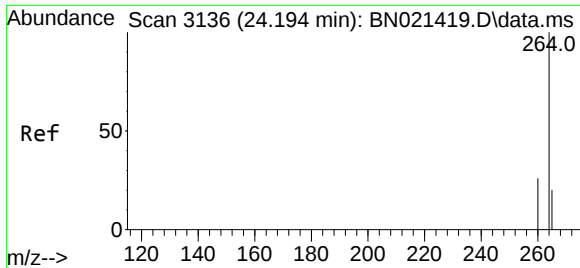
Tgt Ion:244 Resp: 10573
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.6 9.1 13.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. -0.009 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

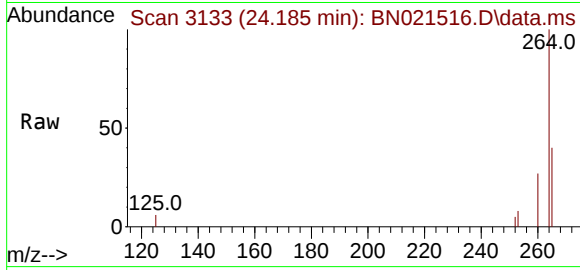
Tgt Ion:149 Resp: 1383
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 2.7 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.185 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824



Tgt Ion:264 Resp: 7223

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	39.9	32.2	48.2

