

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
 Data File : BN027750.D
 Acq On : 19 Sep 2023 15:33
 Operator : MA/JU
 Sample : 04327-04DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623DL

Quant Time: Sep 19 16:12:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

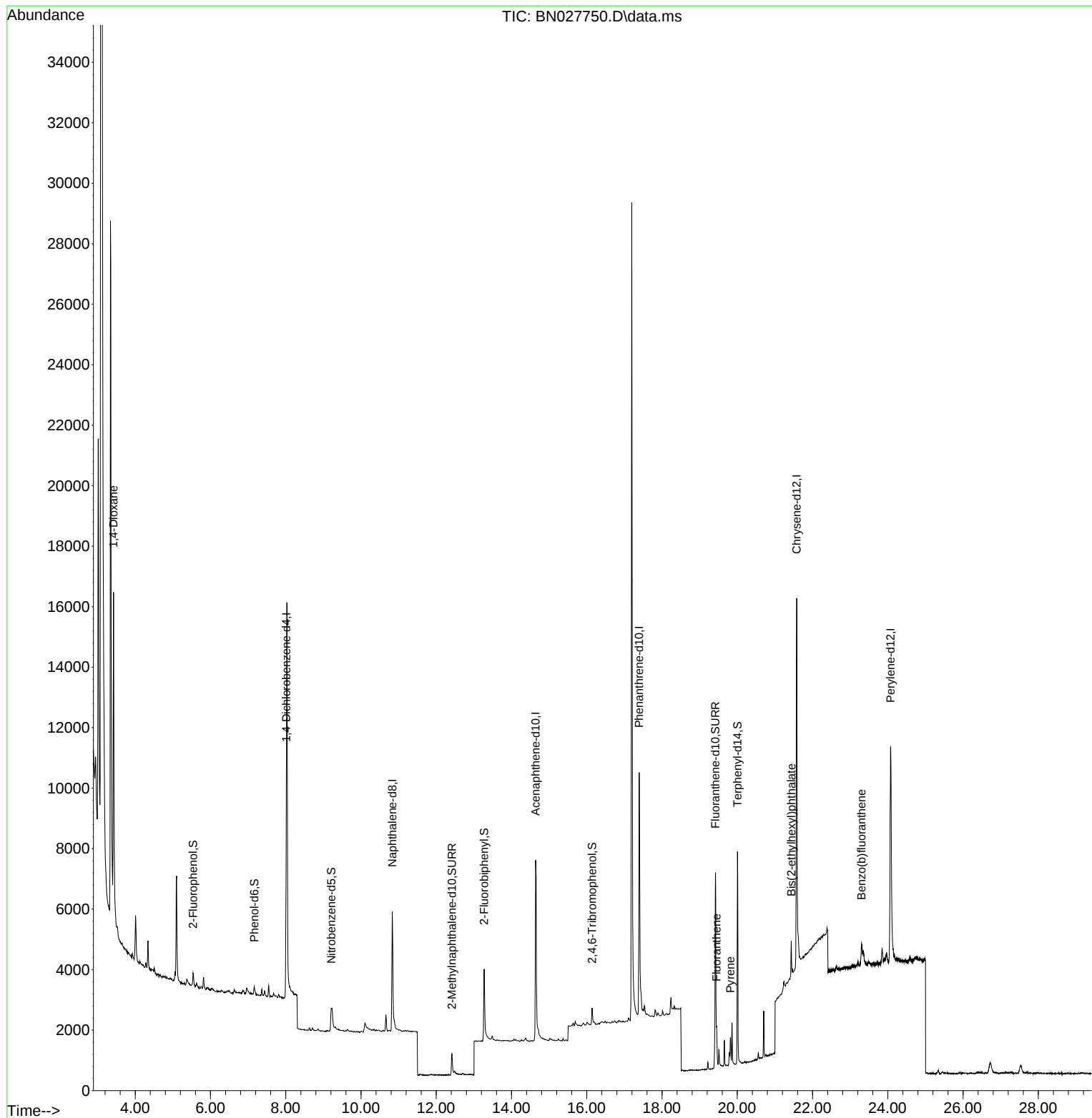
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2004	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	6336	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	4443	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	12357	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12702	0.400	ng	# 0.00
35) Perylene-d12	24.074	264	13120	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	422	0.080	ng	0.00
5) Phenol-d6	7.163	99	299	0.047	ng	0.00
8) Nitrobenzene-d5	9.208	82	864	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	12.415	152	1388	0.149	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	366	0.176	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	2815	0.186	ng	0.00
27) Fluoranthene-d10	19.421	212	7251	0.210	ng	0.00
31) Terphenyl-d14	20.006	244	6897	0.289	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.422	88	7582	3.239	ng	Qvalue 98
28) Fluoranthene	19.449	202	964	0.020	ng	# 86
30) Pyrene	19.816	202	916	0.021	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.435	149	1275	0.060	ng	97
37) Benzo(b)fluoranthene	23.303	252	1256	0.026	ng	# 1

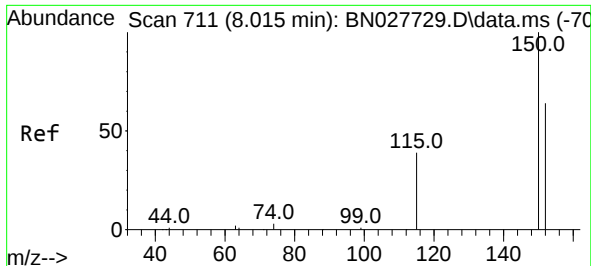
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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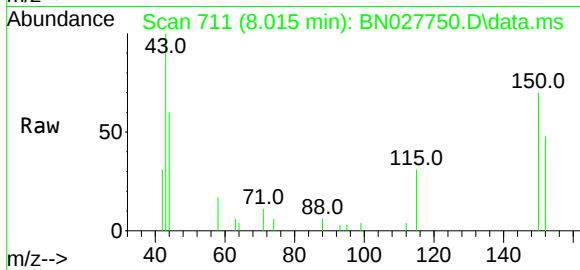
Quant Time: Sep 19 16:12:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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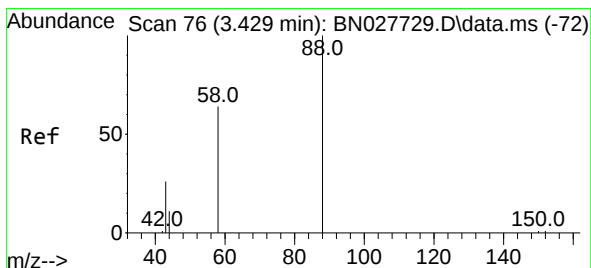
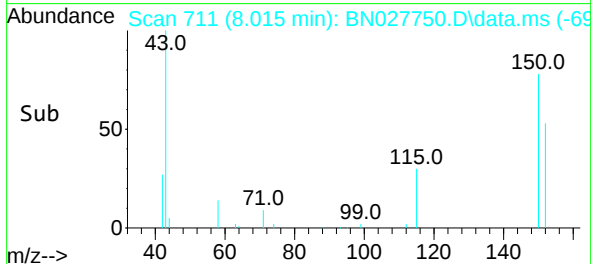
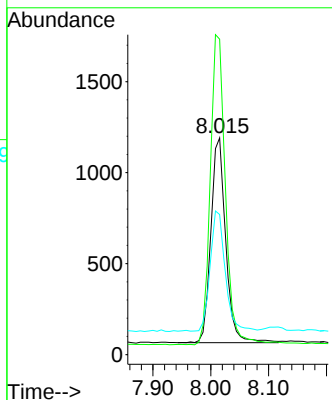
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.015 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: BN027750.D
 Acq: 19 Sep 2023 15:33

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623DL



Tgt Ion: 152 Resp: 2004

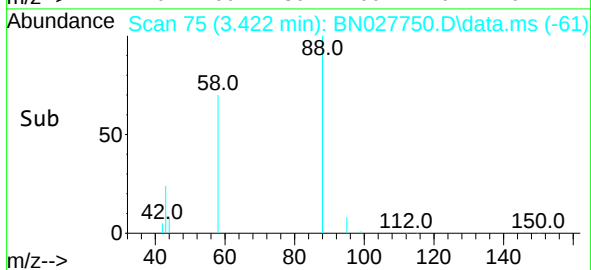
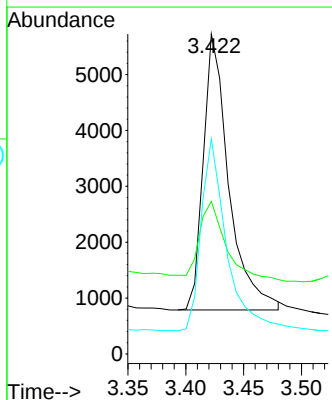
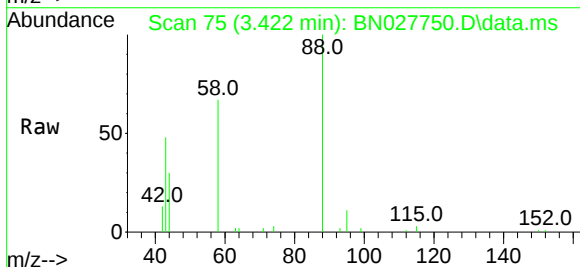
Ion	Ratio	Lower	Upper
152	100		
150	145.5	119.2	178.8
115	64.7	53.8	80.8

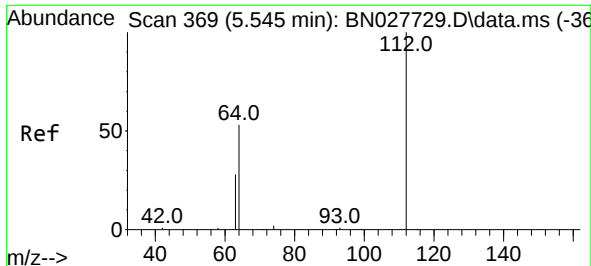


#2
 1,4-Dioxane
 Concen: 3.239 ng
 RT: 3.422 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BN027750.D
 Acq: 19 Sep 2023 15:33

Tgt Ion: 88 Resp: 7582

Ion	Ratio	Lower	Upper
88	100		
43	28.8	21.5	32.3
58	68.7	54.4	81.6

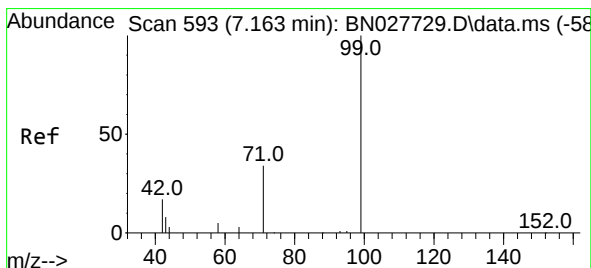
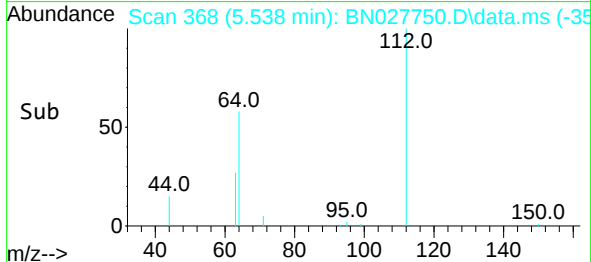
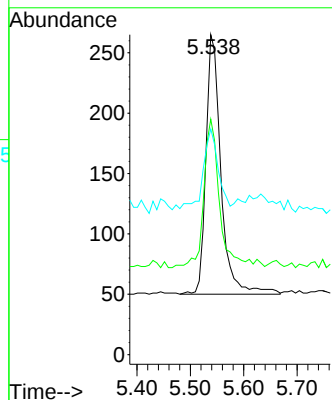
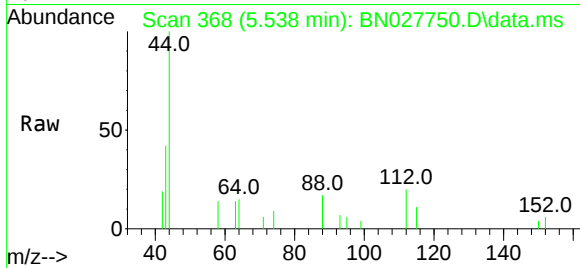




#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.538 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

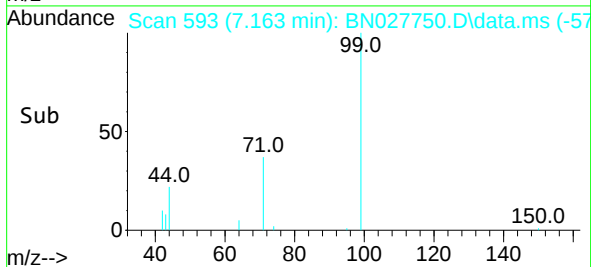
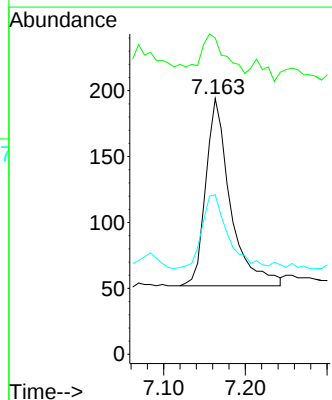
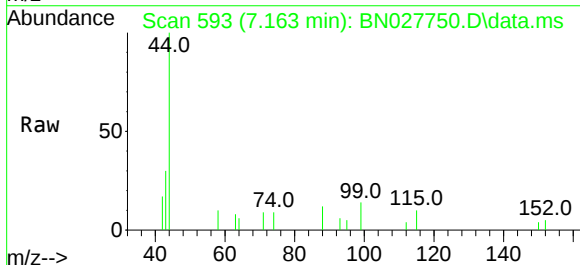
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL

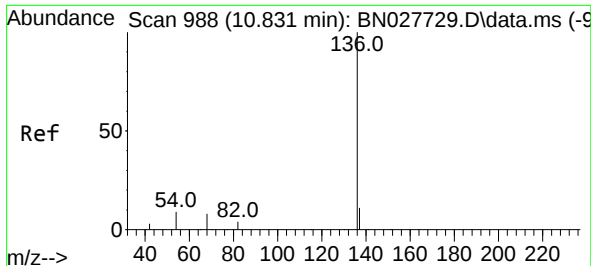
Tgt Ion:112 Resp: 422
Ion Ratio Lower Upper
112 100
64 58.5 45.0 67.6
63 31.3 24.1 36.1



#5
Phenol-d6
Concen: 0.047 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion: 99 Resp: 299
Ion Ratio Lower Upper
99 100
42 19.4 15.8 23.8
71 41.8 27.3 40.9#

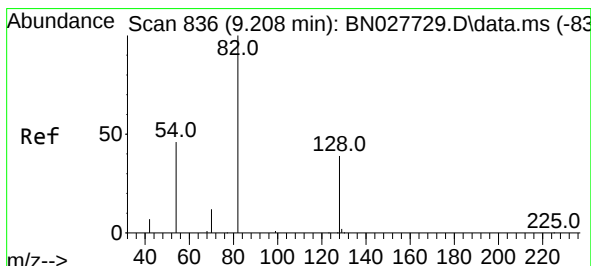
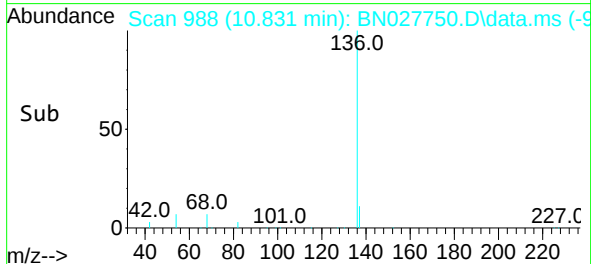
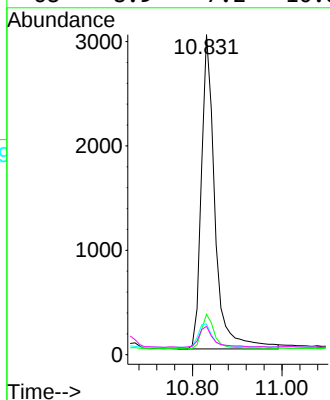
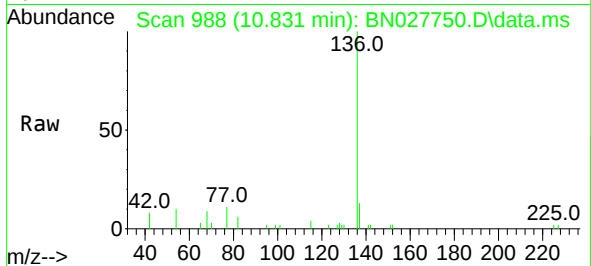




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

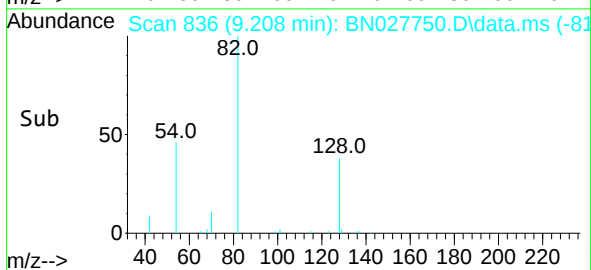
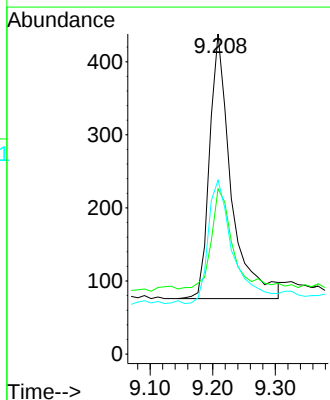
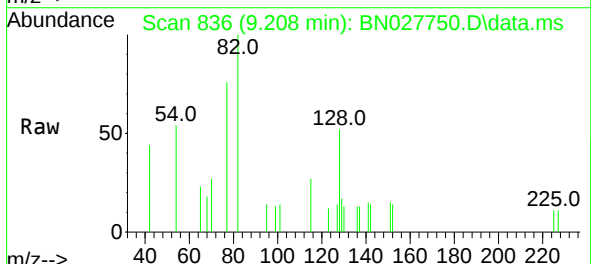
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL

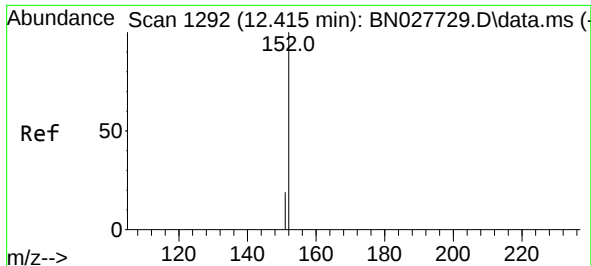
Tgt Ion:	136	Resp:	6336
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.8	14.8
54	9.6	7.8	11.6
68	8.9	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 9.208 min Scan# 836
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion:	82	Resp:	864
Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.1	52.7
54	54.3	35.1	52.7

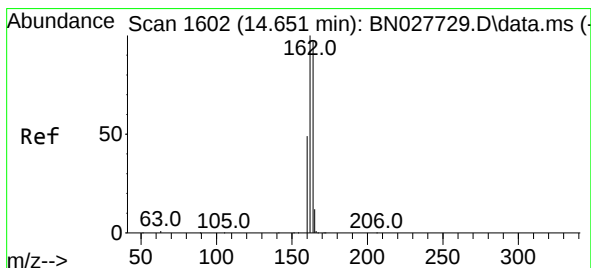
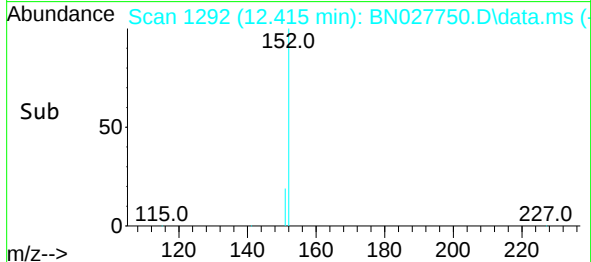
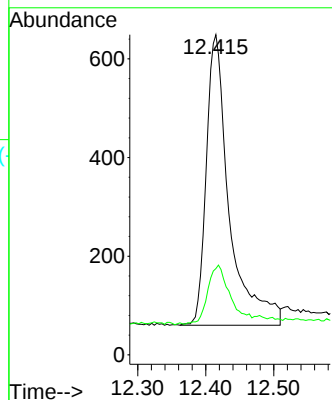
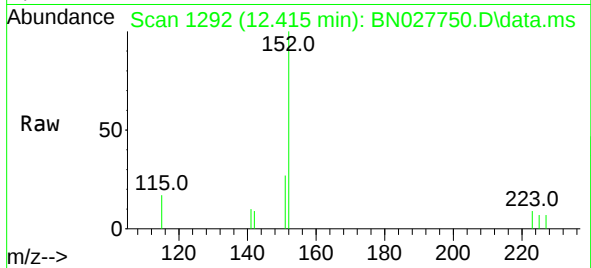




#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 12.415 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

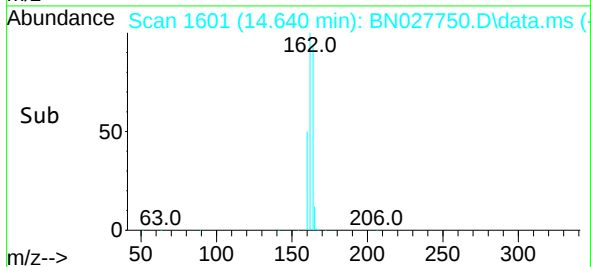
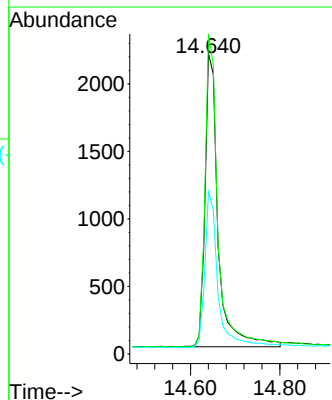
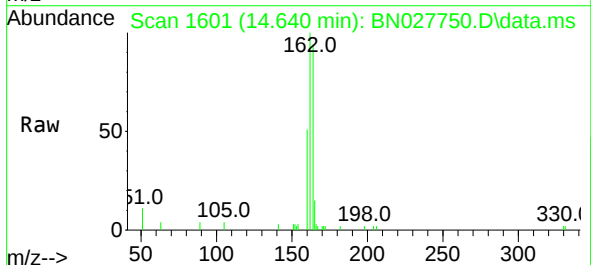
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL

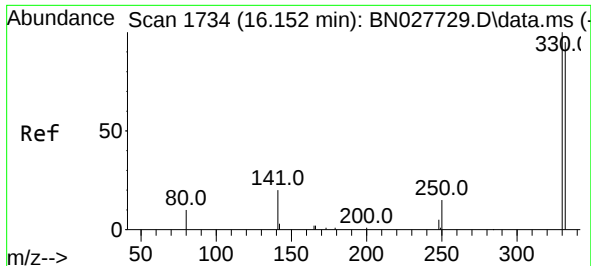
Tgt Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion:164 Resp: 4443
Ion Ratio Lower Upper
164 100
162 106.5 83.4 125.2
160 54.0 41.0 61.4

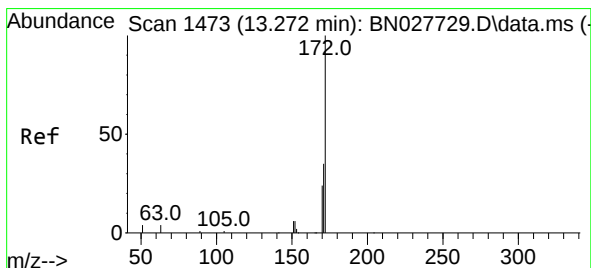
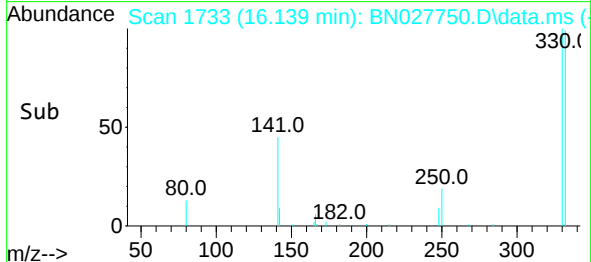
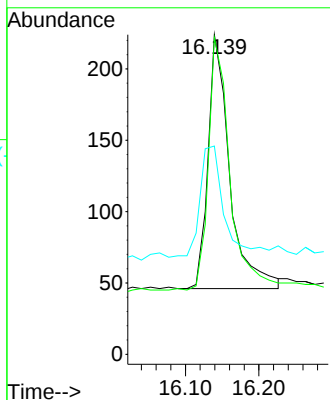
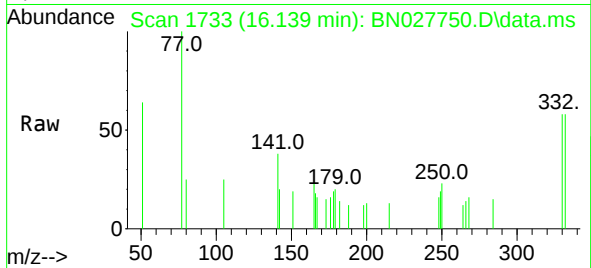




#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 16.139 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

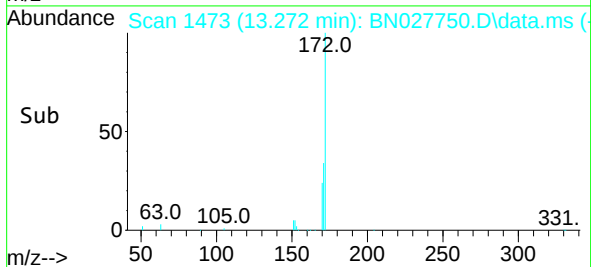
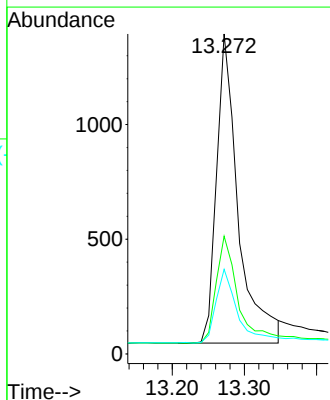
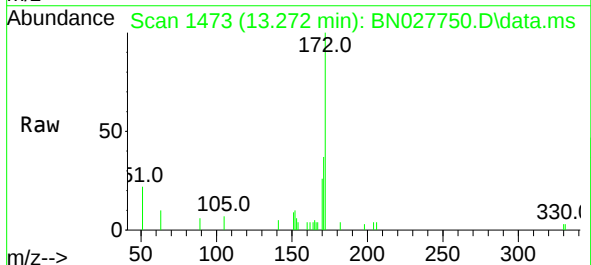
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ClientSampleId :
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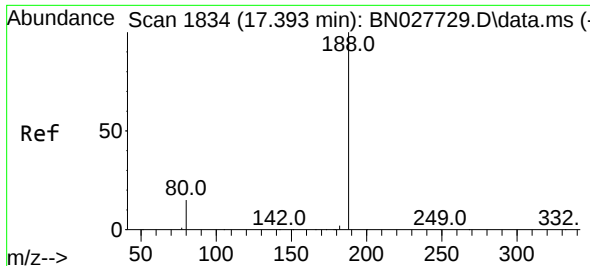
Tgt Ion:330 Resp: 366
Ion Ratio Lower Upper
330 100
332 98.6 76.6 115.0
141 51.4 38.2 57.2



#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.272 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion:172 Resp: 2815
Ion Ratio Lower Upper
172 100
171 36.8 27.6 41.4
170 26.5 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027750.D

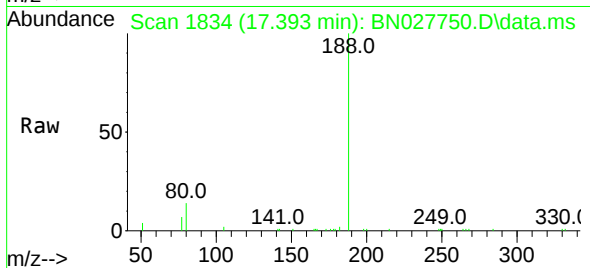
Acq: 19 Sep 2023 15:33

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090623DL



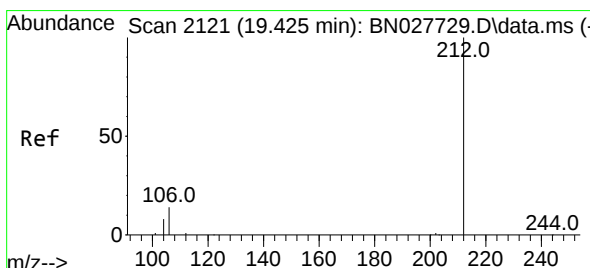
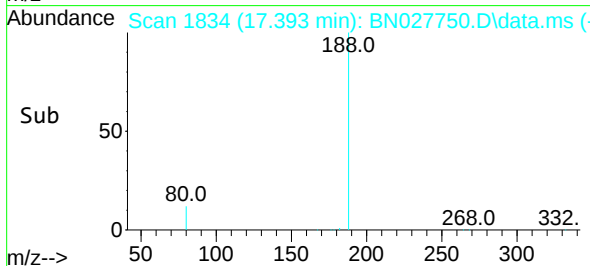
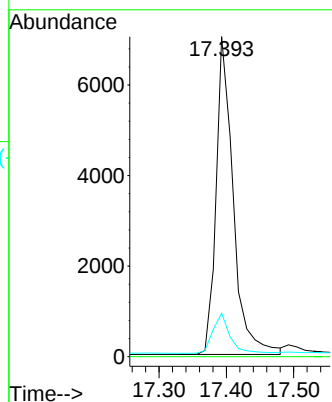
Tgt Ion:188 Resp: 12357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 9.5 14.3



#27

Fluoranthene-d10

Concen: 0.210 ng

RT: 19.421 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BN027750.D

Acq: 19 Sep 2023 15:33

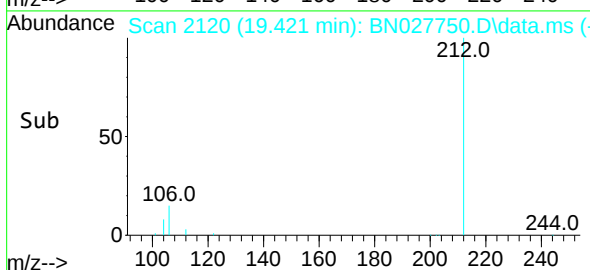
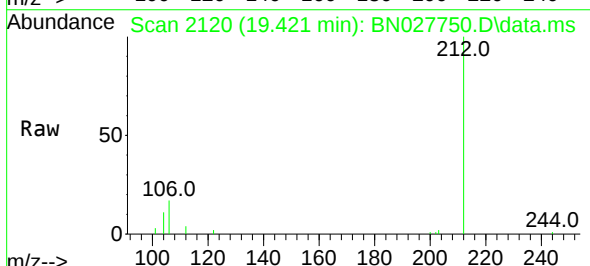
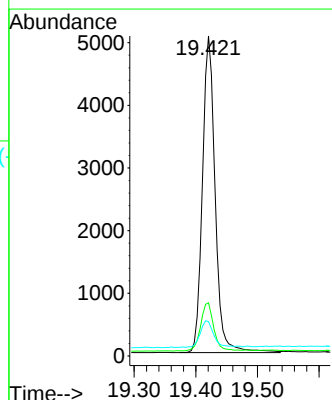
Tgt Ion:212 Resp: 7251

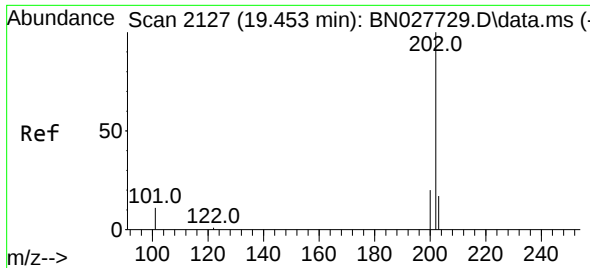
Ion Ratio Lower Upper

212 100

106 15.5 11.9 17.9

104 9.0 6.7 10.1

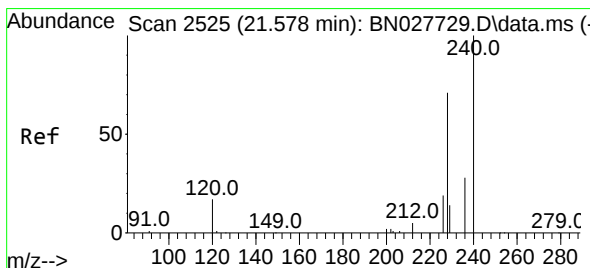
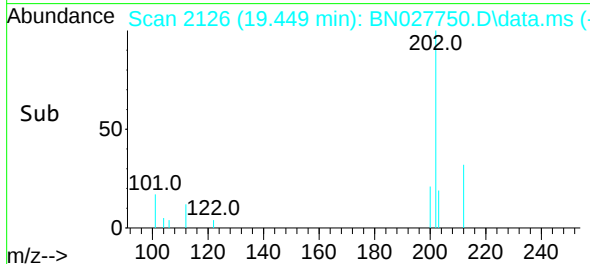
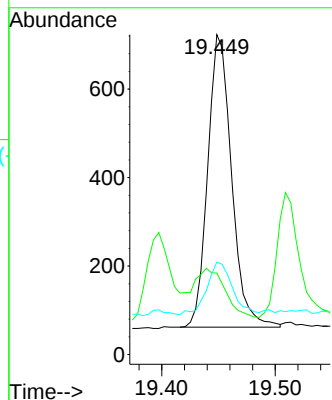
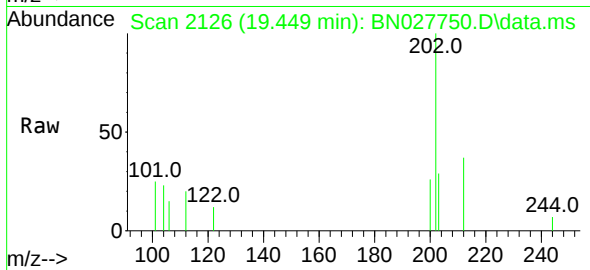




#28
Fluoranthene
Concen: 0.020 ng
RT: 19.449 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

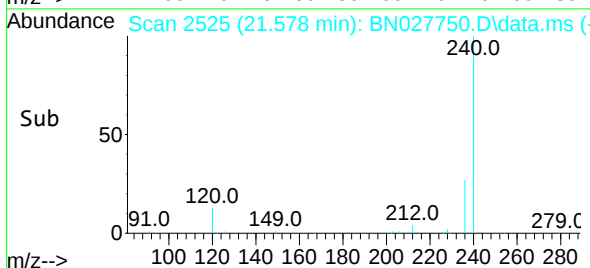
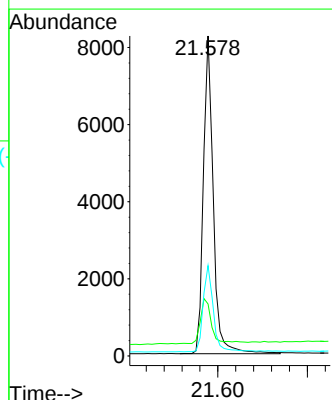
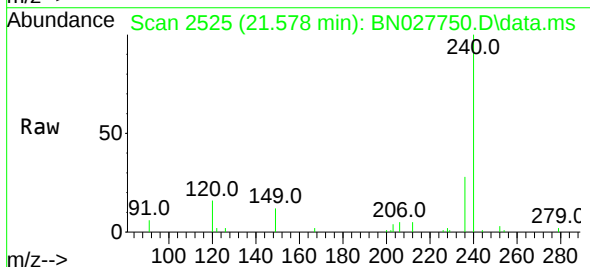
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL

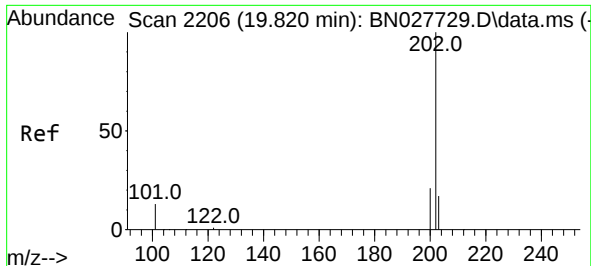
Tgt Ion:202 Resp: 964
Ion Ratio Lower Upper
202 100
101 22.8 9.5 14.3#
203 19.2 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion:240 Resp: 12702
Ion Ratio Lower Upper
240 100
120 16.3 10.7 16.1#
236 28.2 22.4 33.6

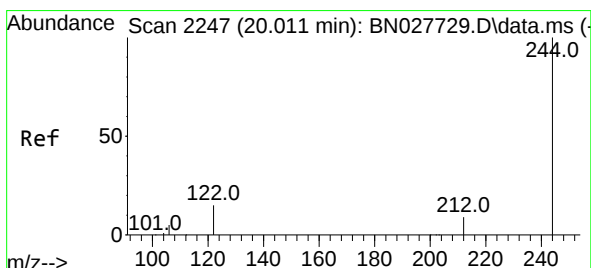
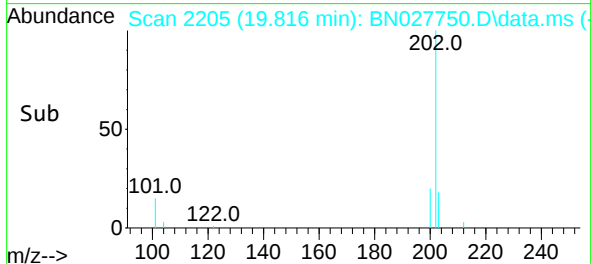
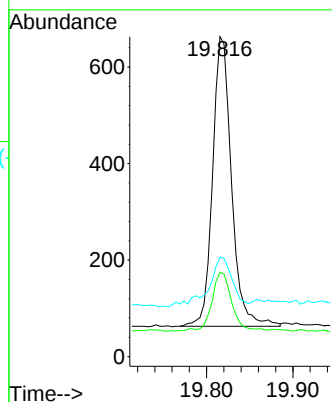
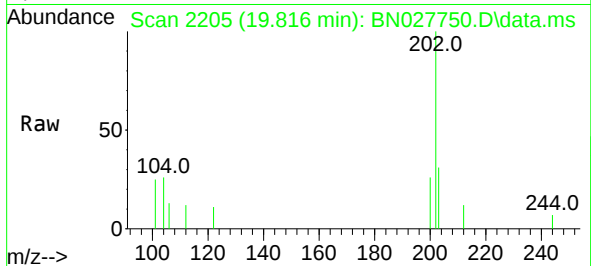




#30
Pyrene
Concen: 0.021 ng
RT: 19.816 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

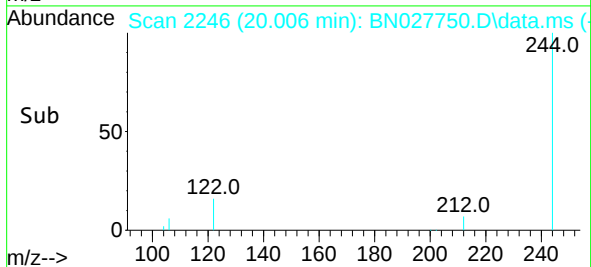
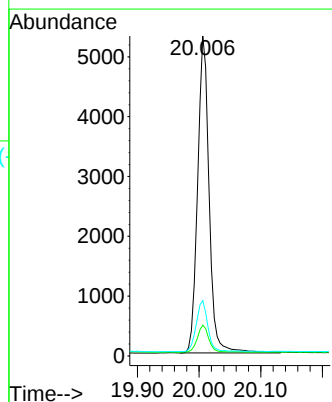
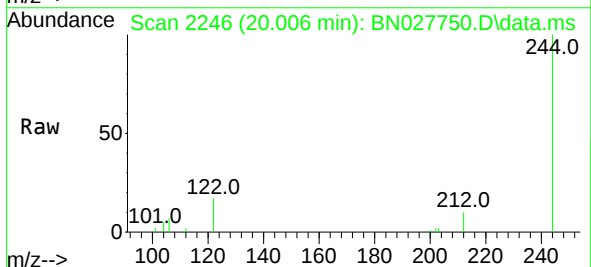
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL

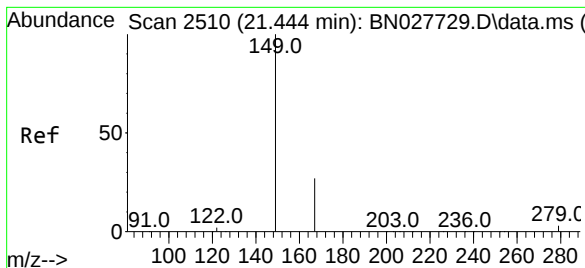
Tgt Ion:202 Resp: 916
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 21.5 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.289 ng
RT: 20.006 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Tgt Ion:244 Resp: 6897
Ion Ratio Lower Upper
244 100
212 9.7 7.0 10.4
122 17.3 12.7 19.1

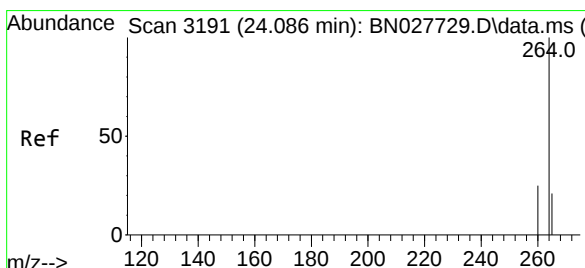
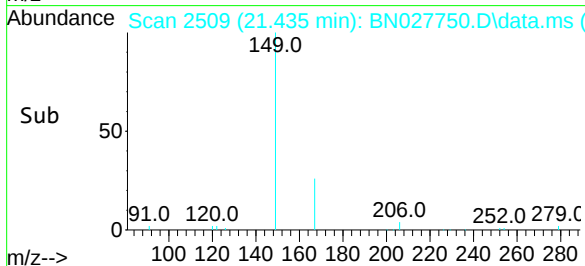
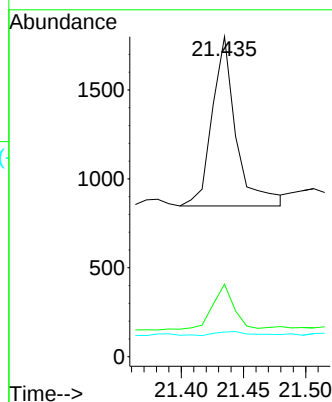
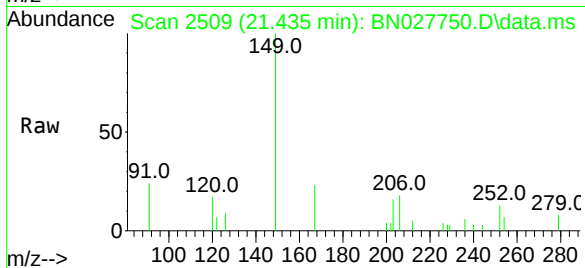




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.435 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027750.D
 Acq: 19 Sep 2023 15:33

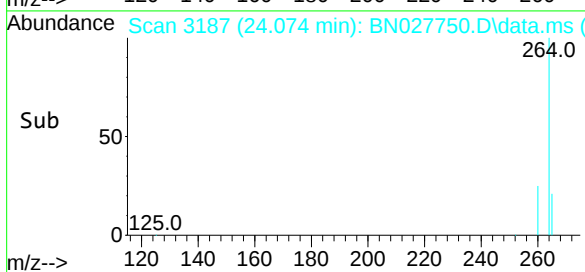
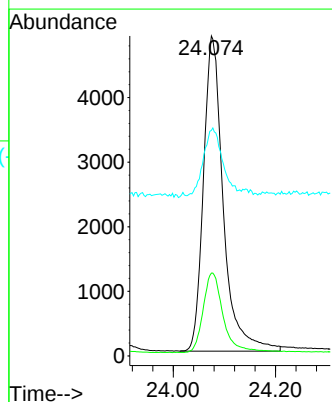
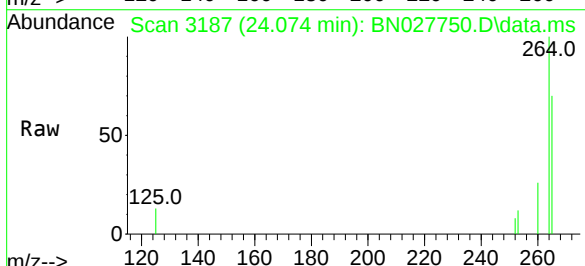
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090623DL

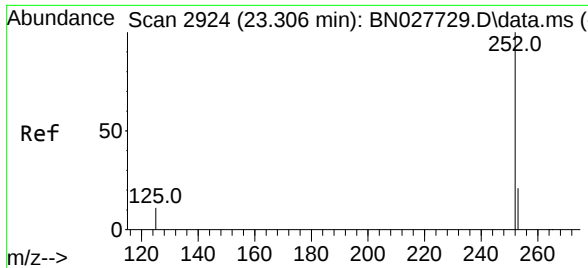
Tgt Ion:149 Resp: 1275
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.5 32.3
 279 3.5 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.074 min Scan# 3187
 Delta R.T. 0.003 min
 Lab File: BN027750.D
 Acq: 19 Sep 2023 15:33

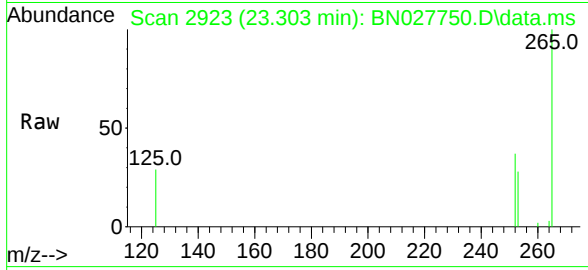
Tgt Ion:264 Resp: 13120
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.9 31.3
 265 70.5 56.6 85.0





#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 23.303 min Scan# 2924
Delta R.T. 0.006 min
Lab File: BN027750.D
Acq: 19 Sep 2023 15:33

Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623DL



Tgt Ion:252 Resp: 1256
Ion Ratio Lower Upper
252 100
253 76.2 17.6 26.4#
125 78.1 9.2 13.8#

