

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027357.D
 Acq On : 01 Sep 2023 22:52
 Operator : MA/JU
 Sample : 04126-18DL 5X
 Misc :
 ALS Vial : 138 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230821DL

Quant Time: Sep 04 03:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

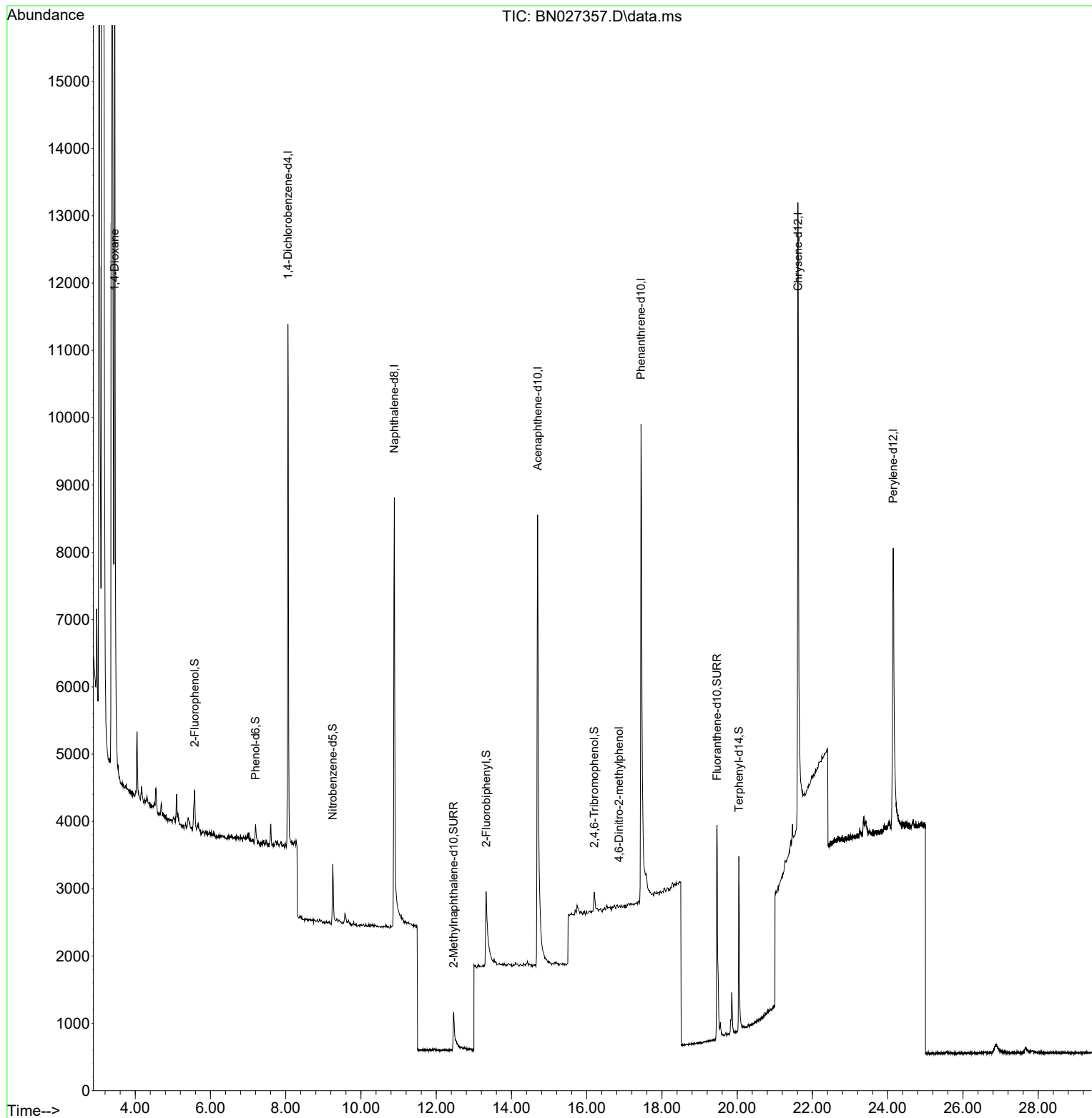
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3907	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	10779	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6840	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	15970	0.400	ng	0.01
29) Chrysene-d12	21.614	240	11688	0.400	ng	0.00
35) Perylene-d12	24.145	264	9415	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	488	0.048	ng	0.00
5) Phenol-d6	7.199	99	315	0.025	ng	0.00
8) Nitrobenzene-d5	9.251	82	896	0.114	ng	0.00
11) 2-Methylnaphthalene-d10	12.460	152	1450	0.092	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	259	0.102	ng	0.02
15) 2-Fluorobiphenyl	13.326	172	2137	0.082	ng	0.01
27) Fluoranthene-d10	19.463	212	4765	0.120	ng	0.00
31) Terphenyl-d14	20.043	244	3350	0.143	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	10951	2.296	ng	Qvalue 94
20) 4,6-Dinitro-2-methylph...	16.859	198	7	0.031	ng	# 20

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

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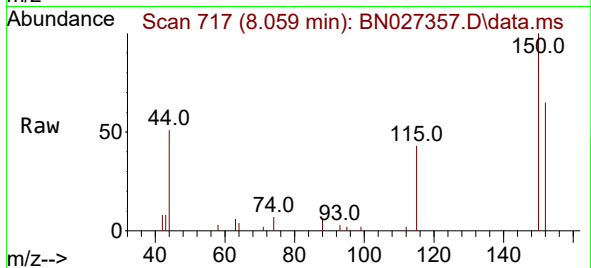
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration



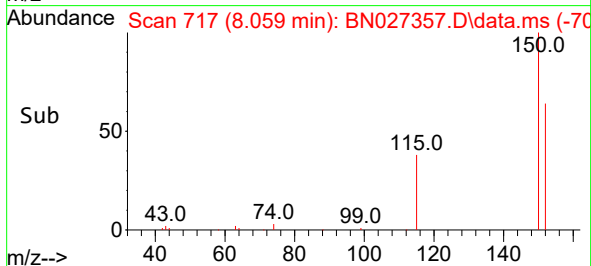
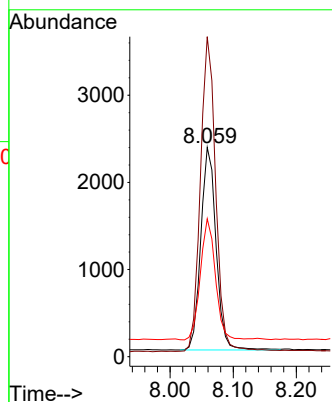


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027357.D
 Acq: 01 Sep 2023 22:52

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230821DL

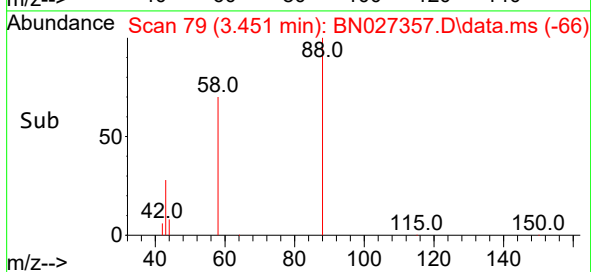
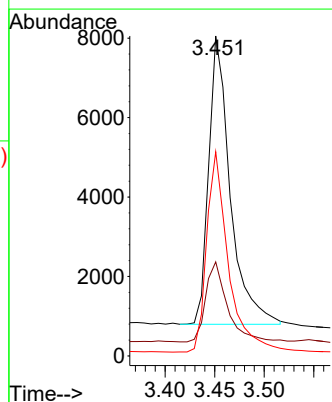
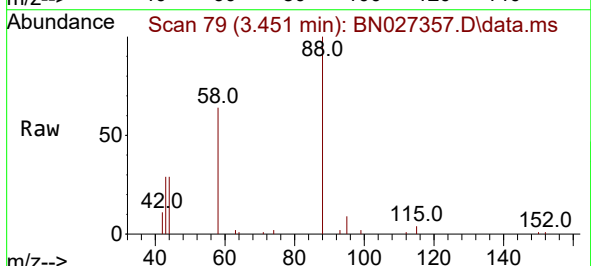


Tgt Ion: 152 Resp: 3907
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.7 184.1
 115 65.9 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.296 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BN027357.D
 Acq: 01 Sep 2023 22:52

Tgt Ion: 88 Resp: 10951
 Ion Ratio Lower Upper
 88 100
 43 27.8 19.1 28.7
 58 69.8 52.2 78.2





#4

2-Fluorophenol

Concen: 0.048 ng

RT: 5.582 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN027357.D

Acq: 01 Sep 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RE131D1-20230821DL

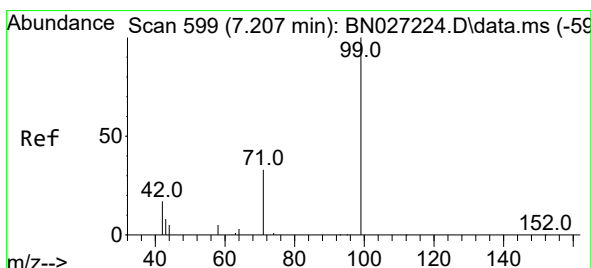
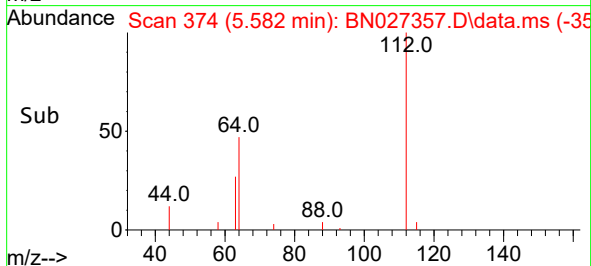
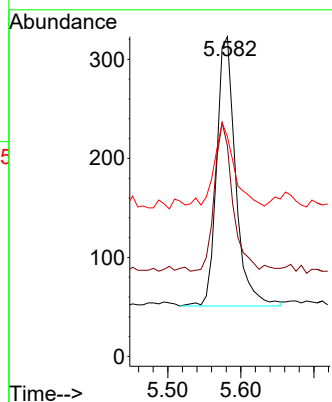
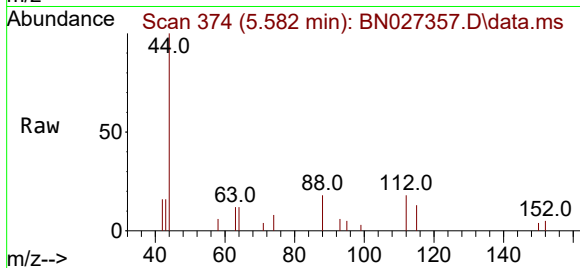
Tgt Ion:112 Resp: 488

Ion Ratio Lower Upper

112 100

64 55.9 44.4 66.6

63 35.2 23.1 34.7#



#5

Phenol-d6

Concen: 0.025 ng

RT: 7.199 min Scan# 598

Delta R.T. 0.000 min

Lab File: BN027357.D

Acq: 01 Sep 2023 22:52

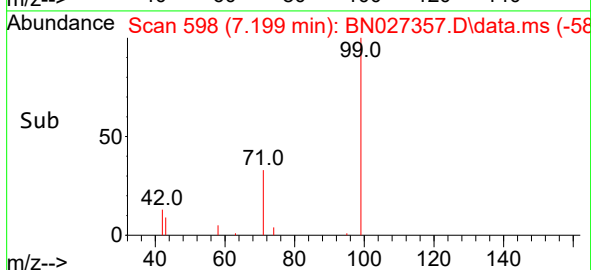
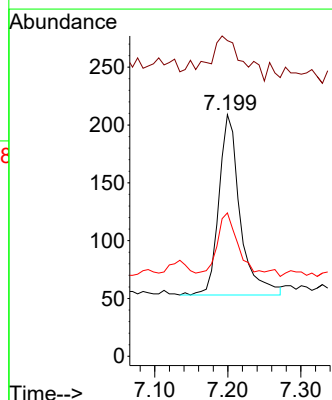
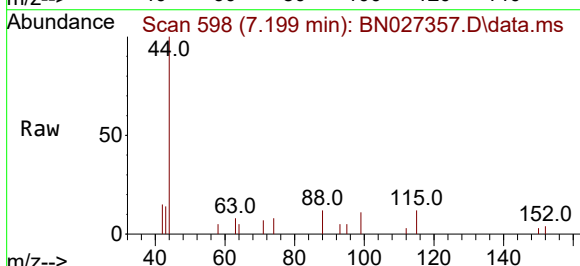
Tgt Ion: 99 Resp: 315

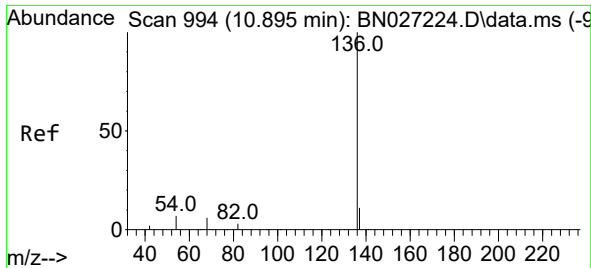
Ion Ratio Lower Upper

99 100

42 32.1 14.5 21.7#

71 33.0 25.8 38.6

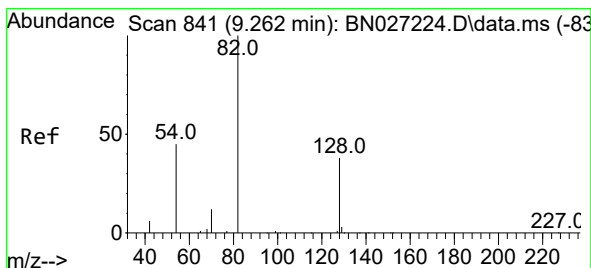
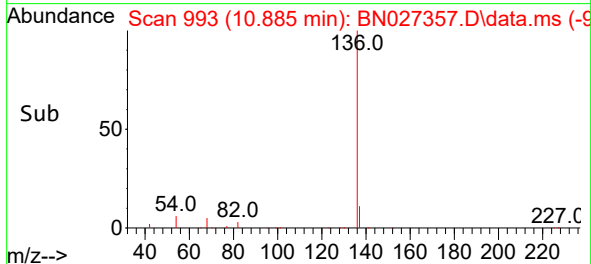
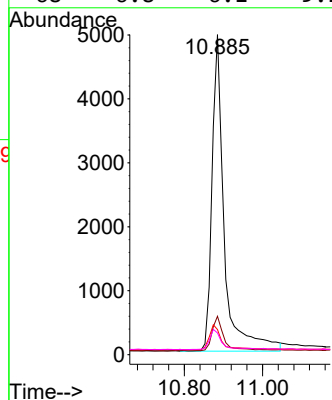
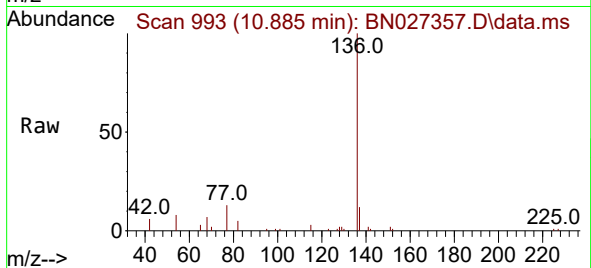




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

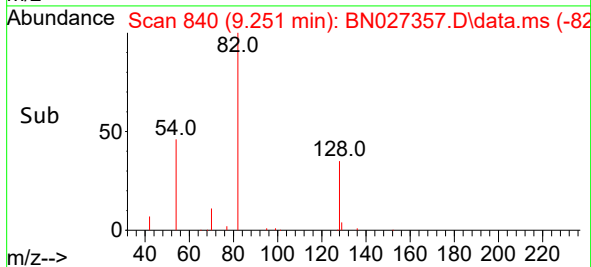
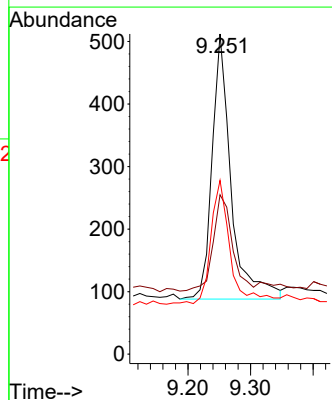
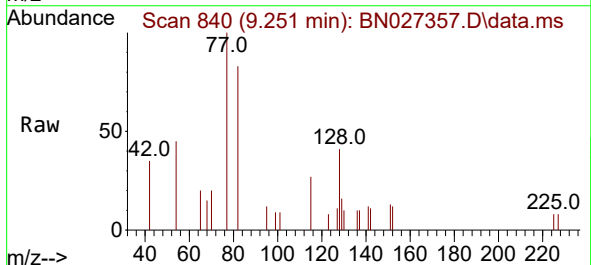
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230821DL

Tgt Ion:	136	Resp:	10779
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.3	13.9
54	7.9	6.7	10.1
68	6.8	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.114 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

Tgt Ion:	82	Resp:	896
Ion Ratio	Lower	Upper	
82	100		
128	49.8	33.4	50.0
54	54.3	37.7	56.5

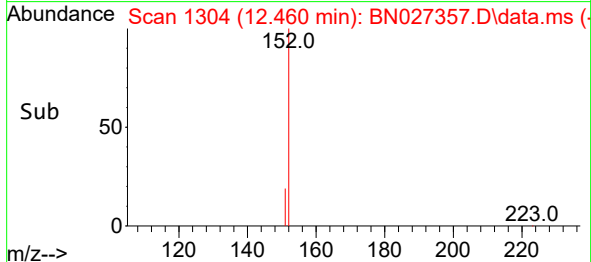
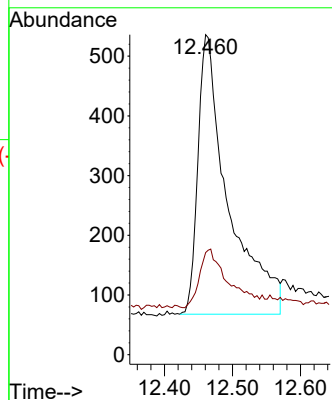
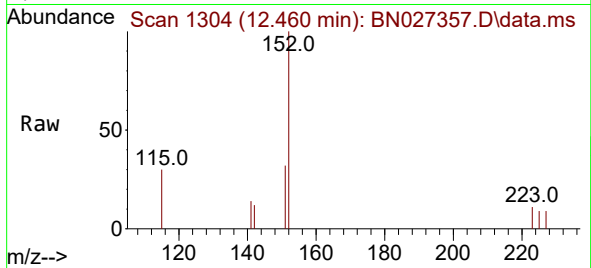




#11
2-Methylnaphthalene-d10
Concen: 0.092 ng
RT: 12.460 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

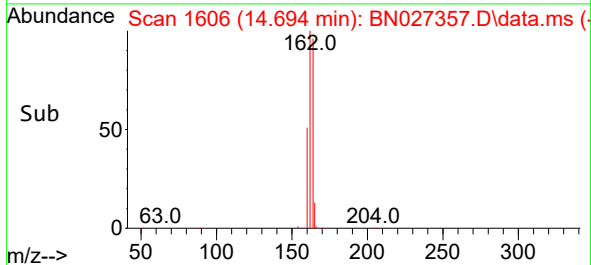
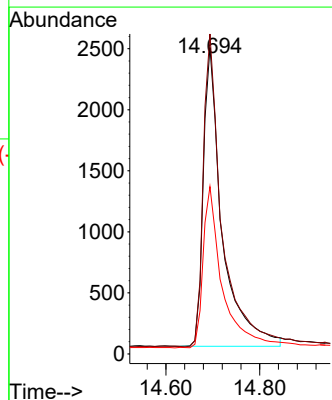
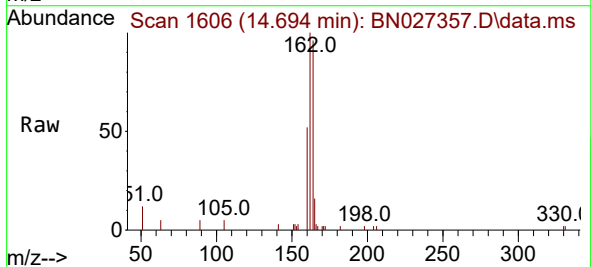
Instrument :
BNA_N
ClientSampleId :
RE131D1-20230821DL

Tgt Ion:152 Resp: 1450
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.011 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

Tgt Ion:164 Resp: 6840
Ion Ratio Lower Upper
164 100
162 104.4 85.8 128.8
160 54.6 44.2 66.2

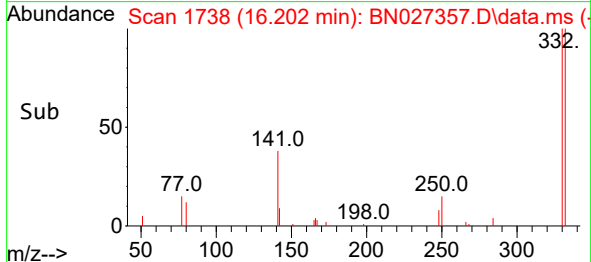
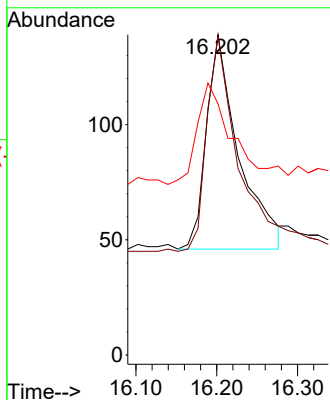
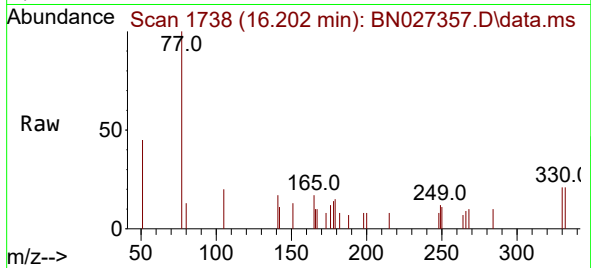




#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

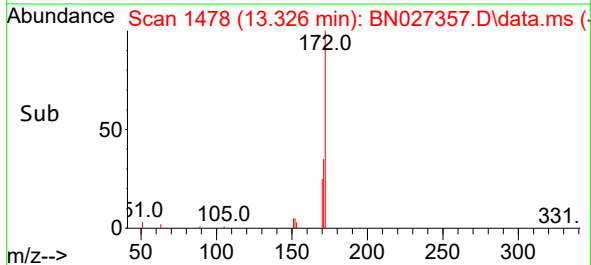
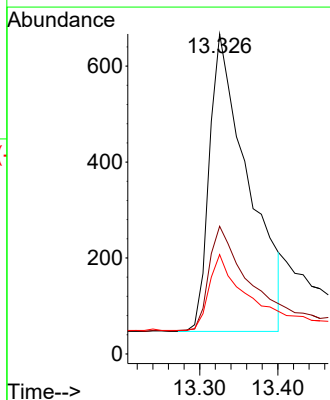
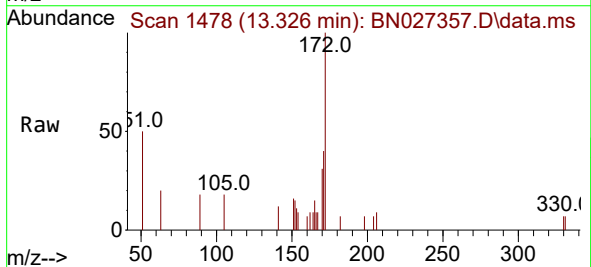
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BNA_N
ClientSampleId :
RE131D1-20230821DL

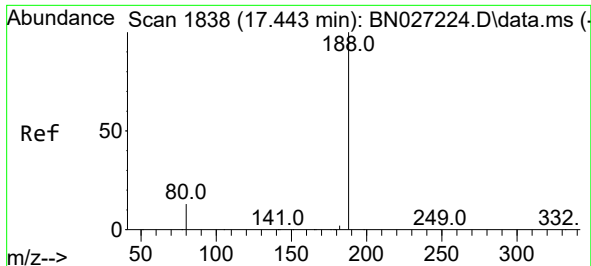
Tgt Ion:330 Resp: 259
Ion Ratio Lower Upper
330 100
332 99.6 75.2 112.8
141 54.8 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.082 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.011 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

Tgt Ion:172 Resp: 2137
Ion Ratio Lower Upper
172 100
171 39.9 27.8 41.8
170 31.0 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. 0.013 min

Lab File: BN027357.D

Acq: 01 Sep 2023 22:52

Instrument :

BNA_N

ClientSampleId :

RE131D1-20230821DL

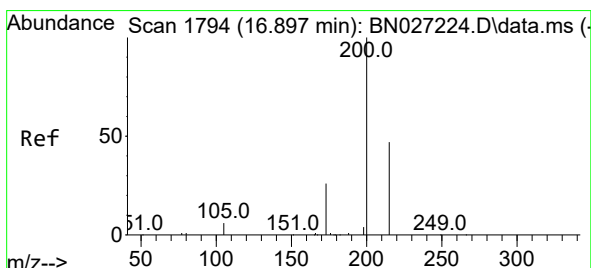
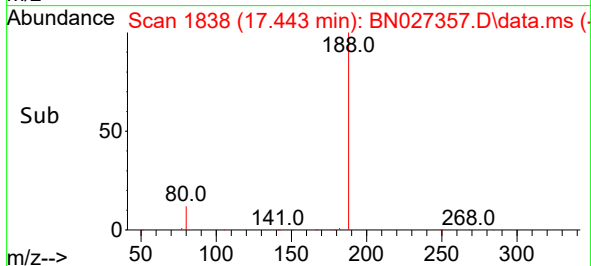
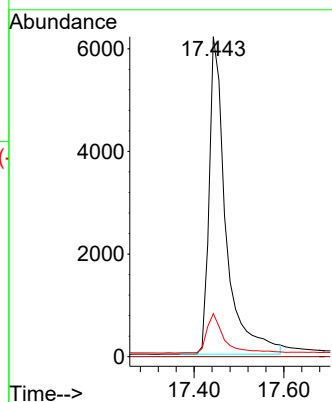
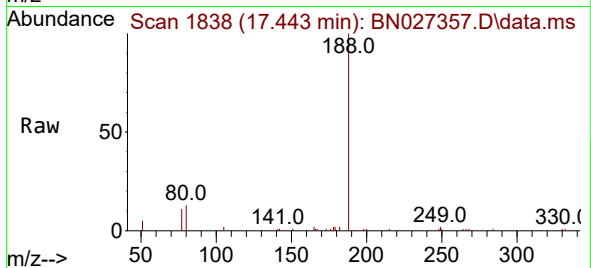
Tgt Ion:188 Resp: 15970

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.031 ng

RT: 16.859 min Scan# 1791

Delta R.T. -0.025 min

Lab File: BN027357.D

Acq: 01 Sep 2023 22:52

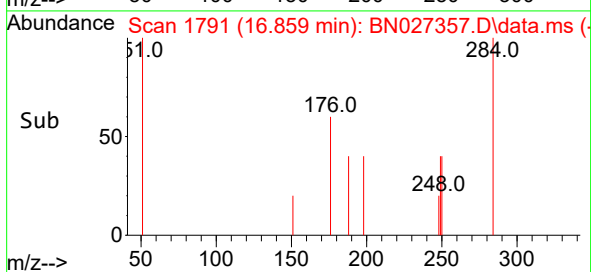
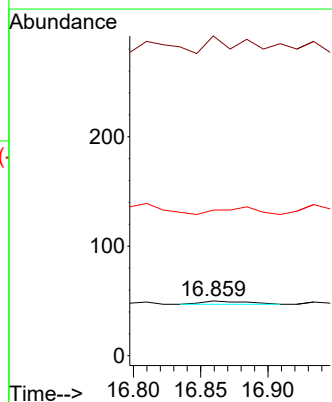
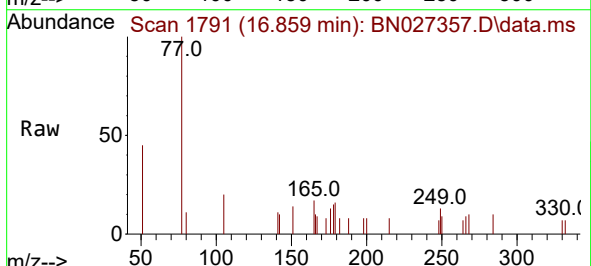
Tgt Ion:198 Resp: 7

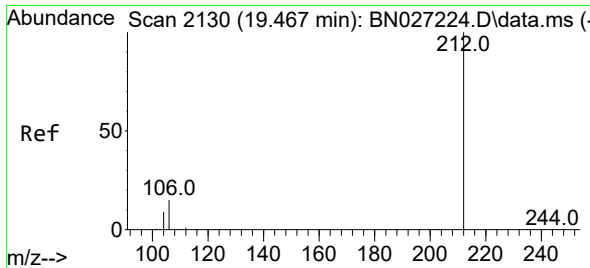
Ion Ratio Lower Upper

198 100

51 584.0 282.2 423.2#

105 266.0 168.7 253.1#

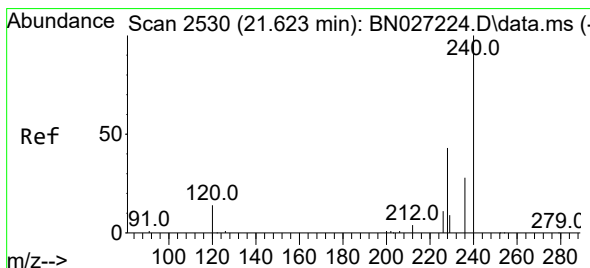
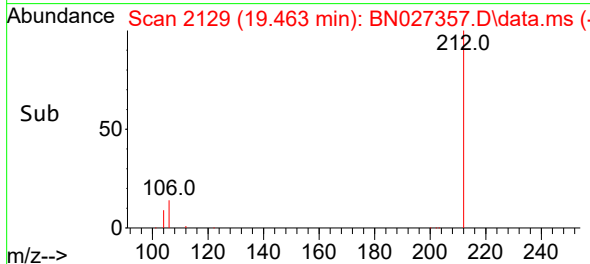
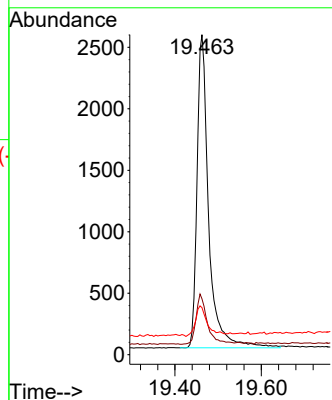
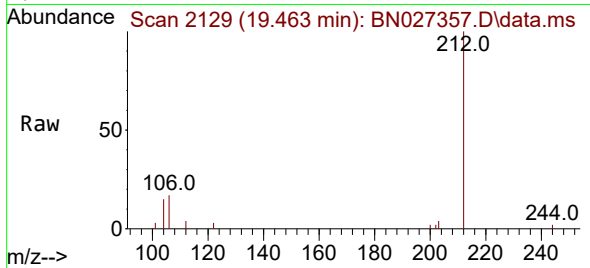




#27
Fluoranthene-d10
Concen: 0.120 ng
RT: 19.463 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

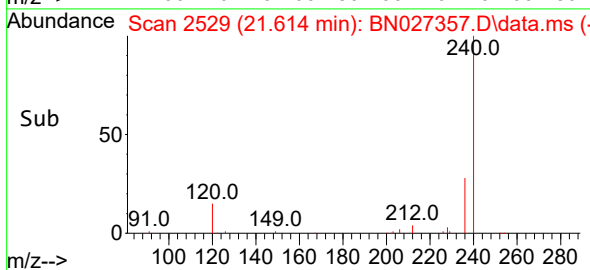
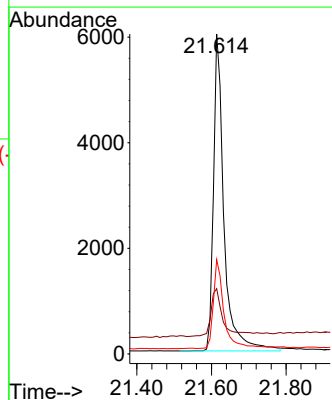
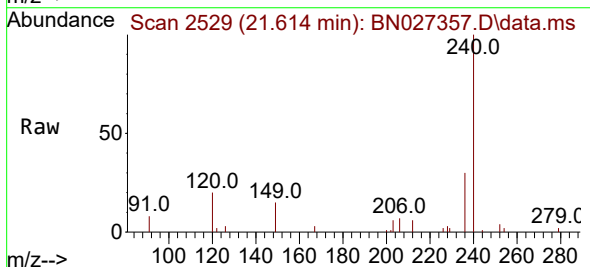
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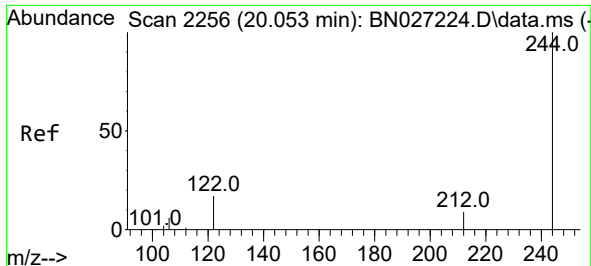
Tgt Ion:212 Resp: 4765
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 10.4 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BN027357.D
Acq: 01 Sep 2023 22:52

Tgt Ion:240 Resp: 11688
Ion Ratio Lower Upper
240 100
120 20.4 14.2 21.4
236 29.5 22.9 34.3

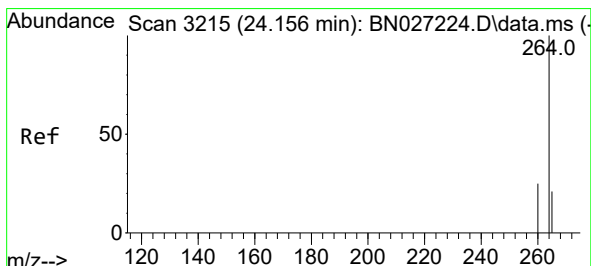
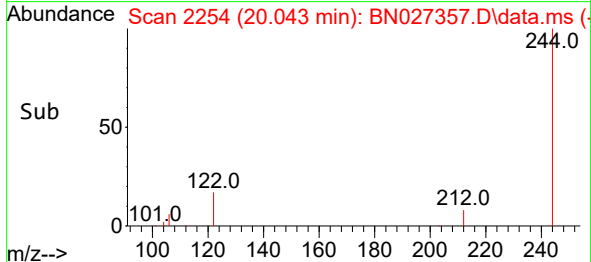
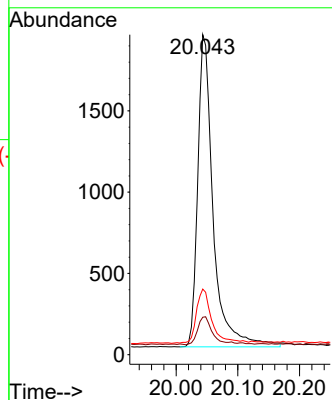
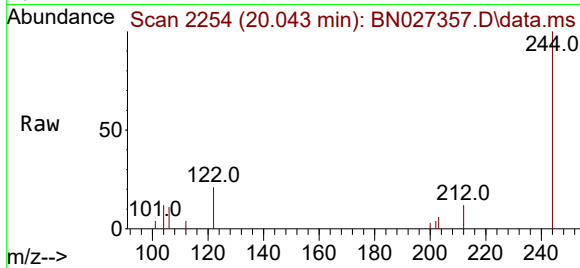




#31
 Terphenyl-d14
 Concen: 0.143 ng
 RT: 20.043 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027357.D
 Acq: 01 Sep 2023 22:52

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20230821DL

Tgt Ion:244 Resp: 3350
 Ion Ratio Lower Upper
 244 100
 212 11.7 7.5 11.3#
 122 20.5 14.0 21.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.145 min Scan# 3211
 Delta R.T. 0.009 min
 Lab File: BN027357.D
 Acq: 01 Sep 2023 22:52

Tgt Ion:264 Resp: 9415
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.7 31.1
 265 98.2 53.3 79.9#

