

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027619.D
 Acq On : 12 Sep 2023 20:43
 Operator : MA/JU
 Sample : 04287-10
 Misc :
 ALS Vial : 121 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-090123-3V

Quant Time: Sep 13 06:03:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

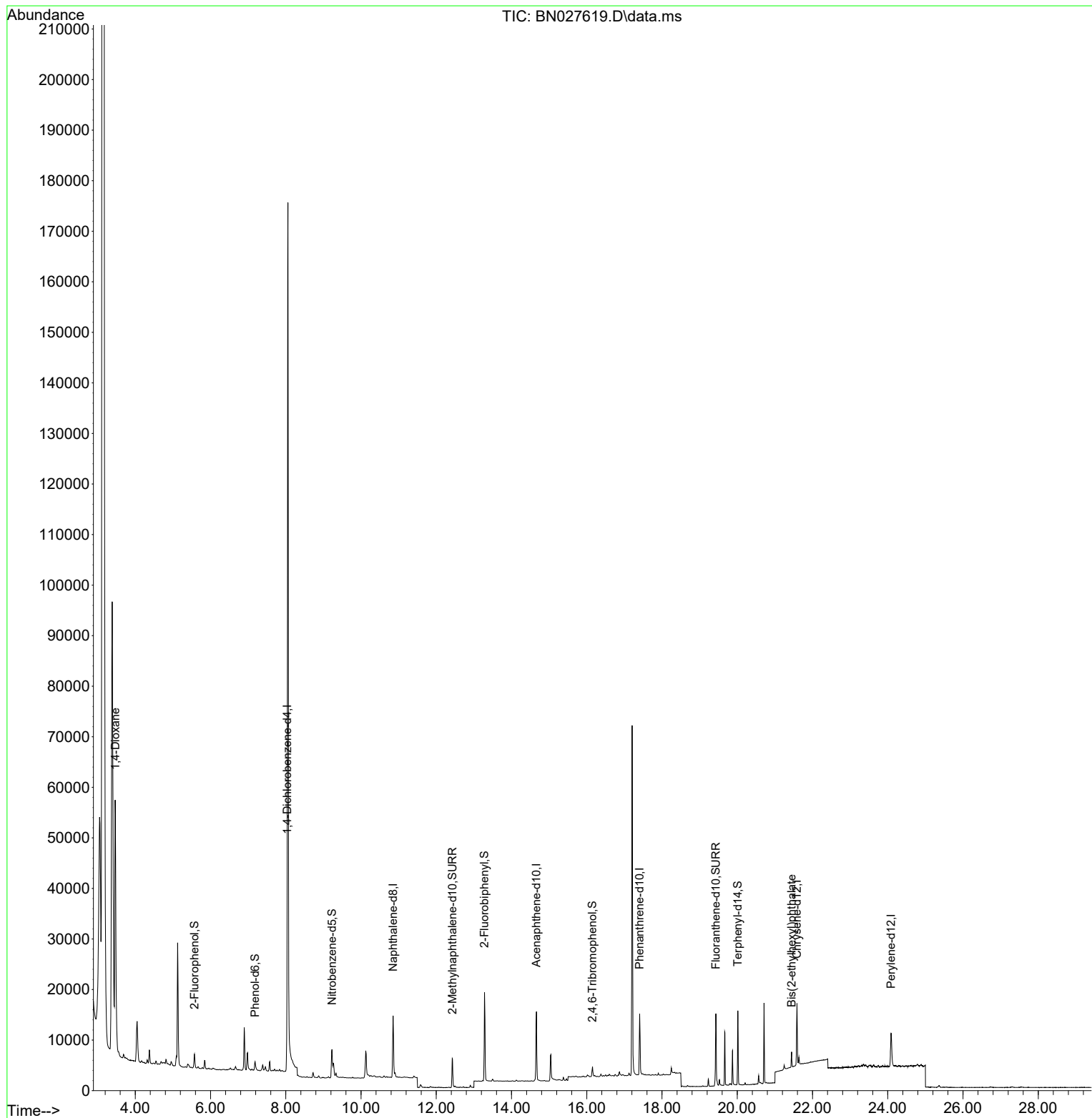
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6288	0.400	ng	0.00
7) Naphthalene-d8	10.852	136	16870	0.400	ng	0.00
13) Acenaphthene-d10	14.661	164	7988	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	16139	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11628	0.400	ng	0.00
35) Perylene-d12	24.089	264	11269	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	2496	0.152	ng	0.00
5) Phenol-d6	7.185	99	1630	0.082	ng	0.00
8) Nitrobenzene-d5	9.229	82	5302	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	8273	0.334	ng	0.00
14) 2,4,6-Tribromophenol	16.151	330	1087	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.282	172	15067	0.496	ng	-0.01
27) Fluoranthene-d10	19.434	212	15445	0.385	ng	0.00
31) Terphenyl-d14	20.015	244	13552	0.580	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.472	88	48166	6.275	ng	96
34) Bis(2-ethylhexyl)phtha...	21.443	149	2696	0.140	ng	97

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

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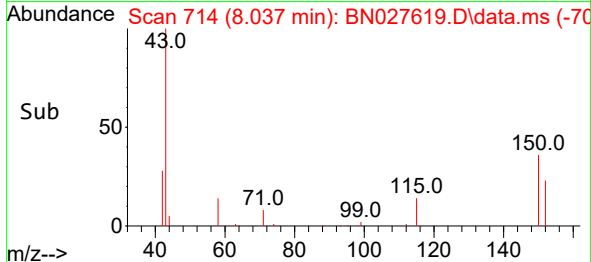
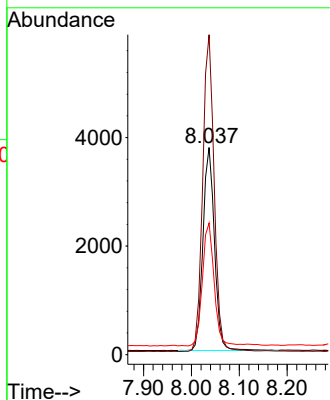
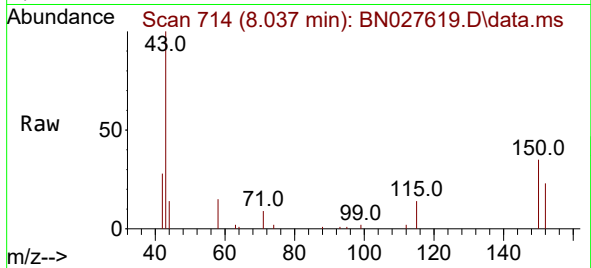




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

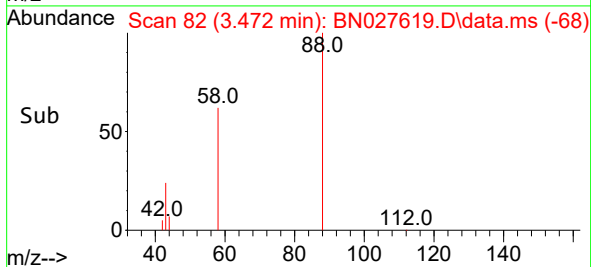
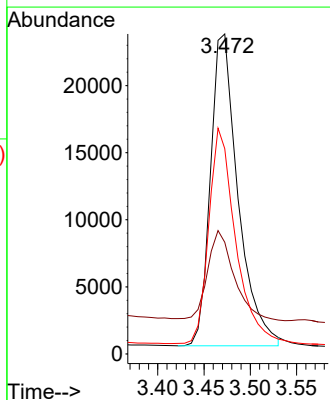
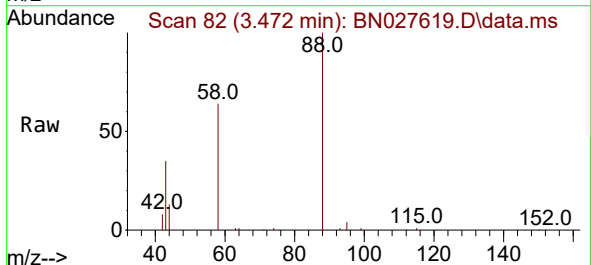
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090123-3V

Tgt Ion:152 Resp: 6288
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 63.6 48.6 73.0



#2
1,4-Dioxane
Concen: 6.275 ng
RT: 3.472 min Scan# 82
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Tgt Ion: 88 Resp: 48166
Ion Ratio Lower Upper
88 100
43 27.5 19.1 28.7
58 66.9 52.2 78.2

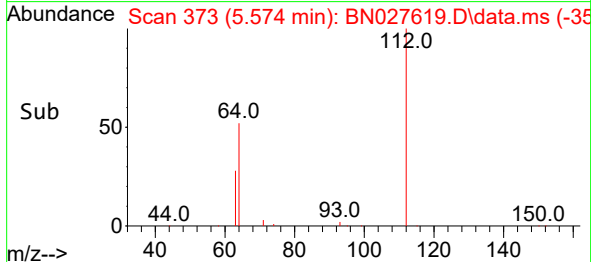
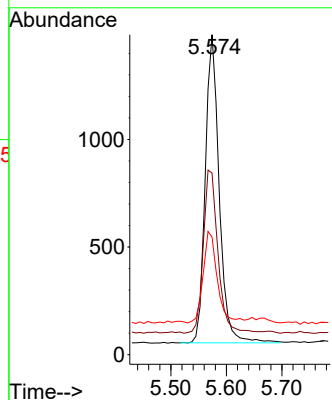
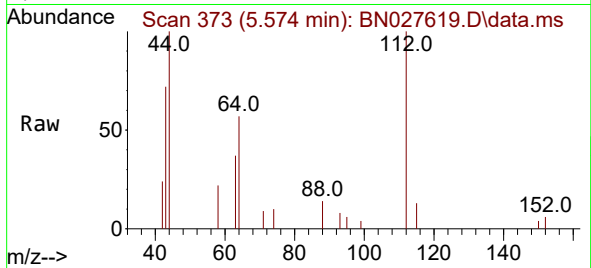




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

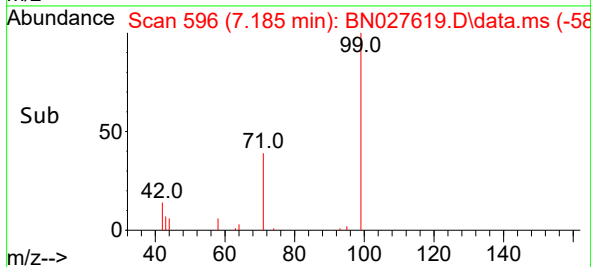
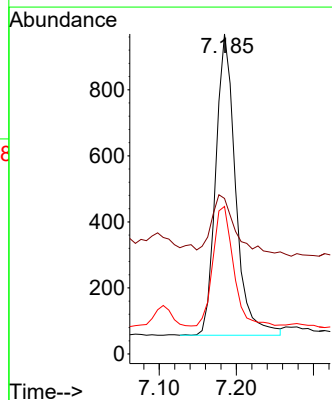
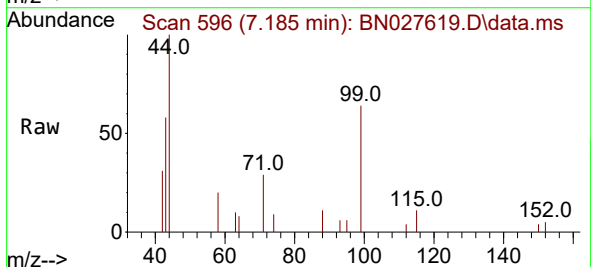
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090123-3V

Tgt Ion:112 Resp: 2496
Ion Ratio Lower Upper
112 100
64 55.9 44.4 66.6
63 30.2 23.1 34.7



#5
Phenol-d6
Concen: 0.082 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Tgt Ion: 99 Resp: 1630
Ion Ratio Lower Upper
99 100
42 25.8 14.5 21.7#
71 41.4 25.8 38.6#

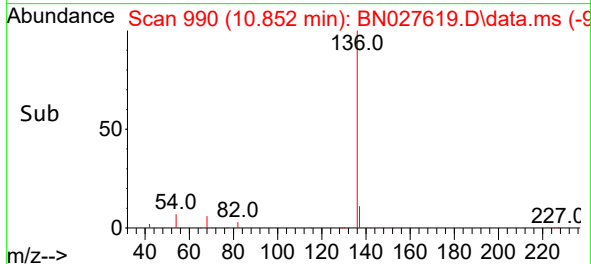
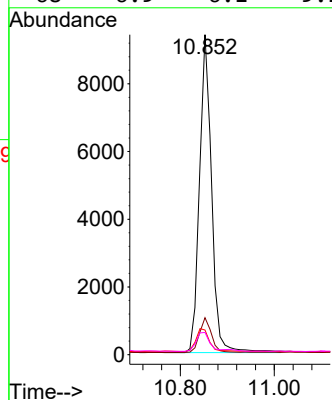
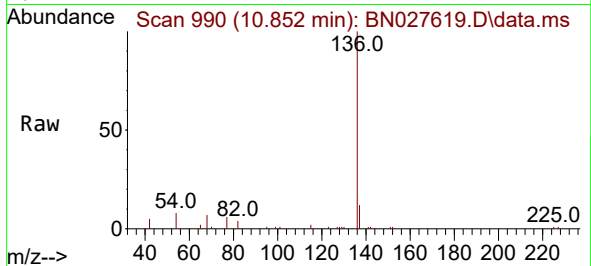




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.852 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

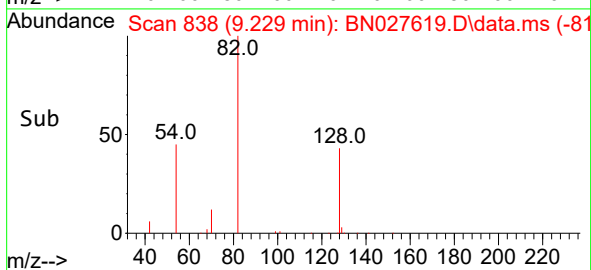
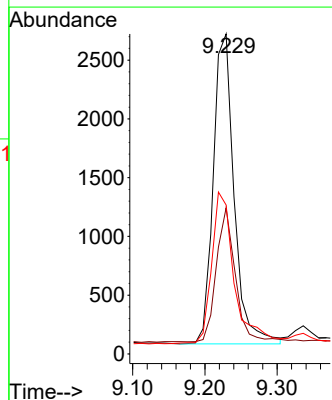
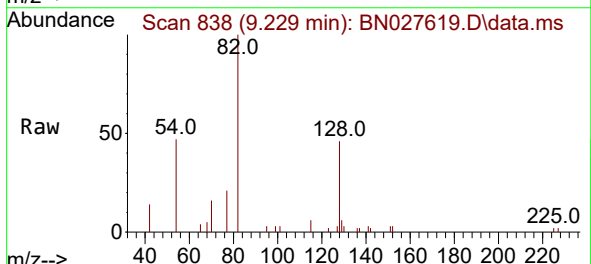
Instrument :
BNA_N
ClientSampleId :
BR-03-127-090123-3V

Tgt Ion:	136	Resp:	16870
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.7	6.7	10.1
68	6.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 9.229 min Scan# 838
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Tgt Ion:	82	Resp:	5302
Ion Ratio	Lower	Upper	
82	100		
128	45.6	33.4	50.0
54	46.5	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.426 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

Instrument :

BNA_N

ClientSampleId :

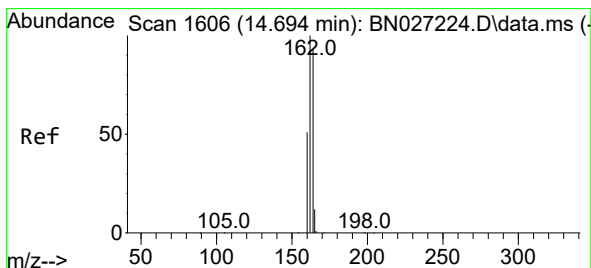
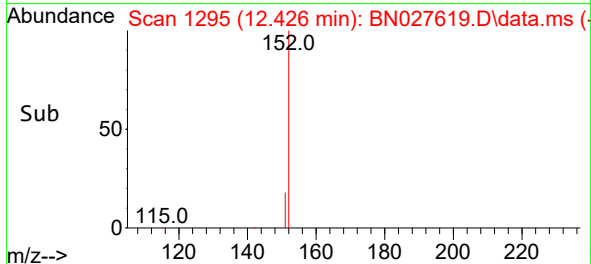
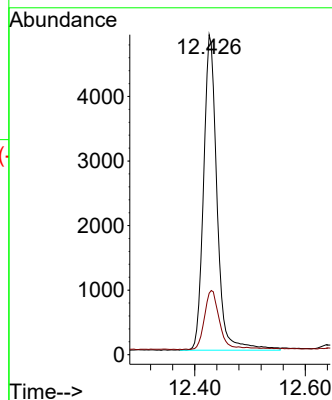
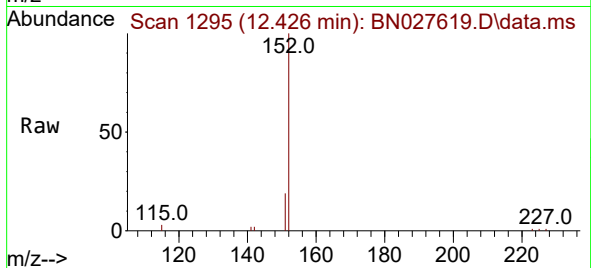
BR-03-127-090123-3V

Tgt Ion:152 Resp: 8273

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.661 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

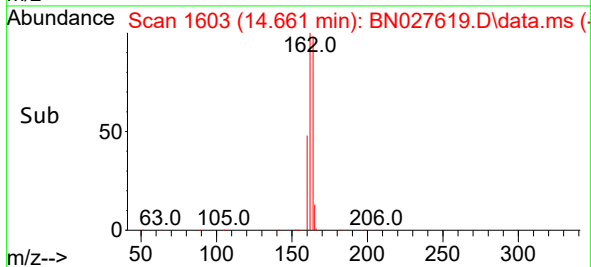
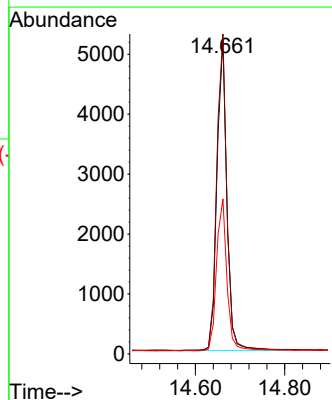
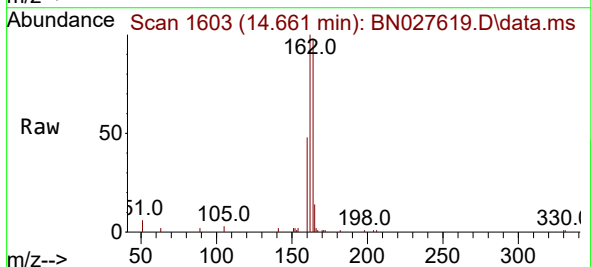
Tgt Ion:164 Resp: 7988

Ion Ratio Lower Upper

164 100

162 102.0 85.8 128.8

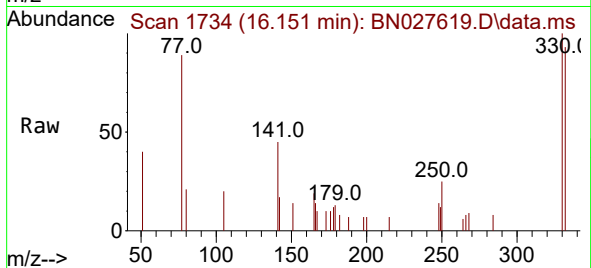
160 49.4 44.2 66.2



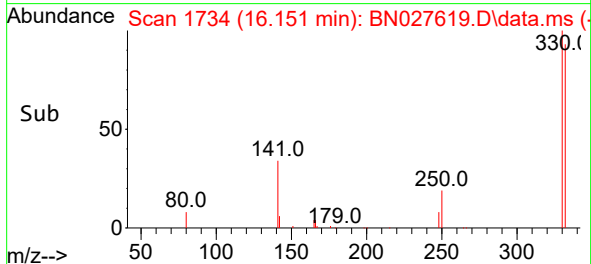
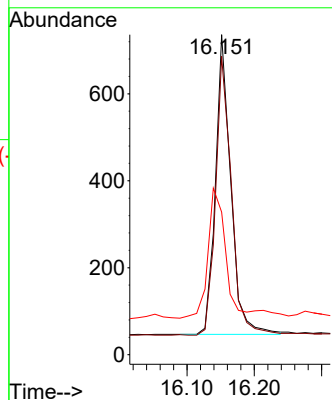


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Instrument :
BNA_N
ClientSampleId :
BR-03-127-090123-3V

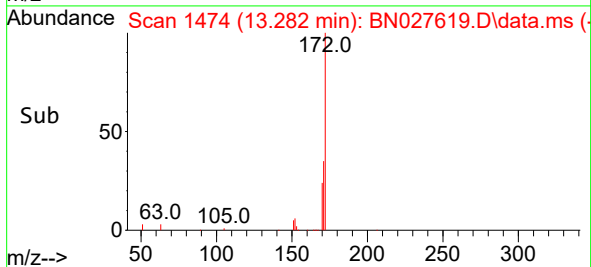
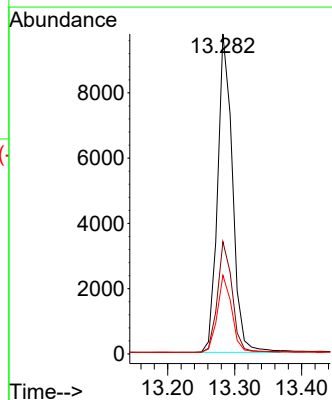
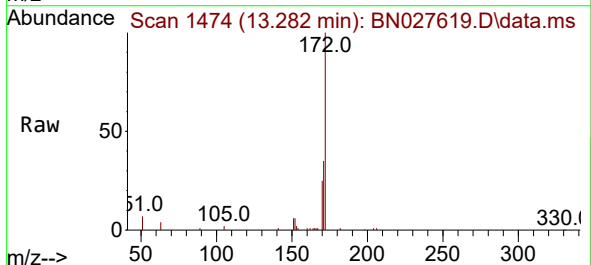


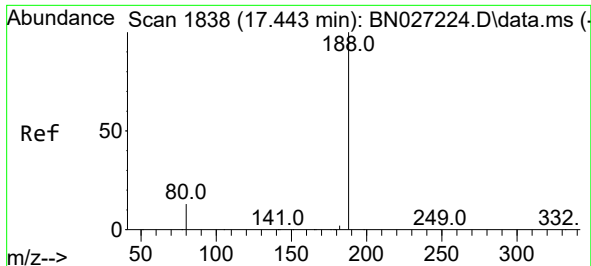
Tgt Ion:330 Resp: 1087
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 48.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.496 ng
RT: 13.282 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Tgt Ion:172 Resp: 15067
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.6 19.3 28.9

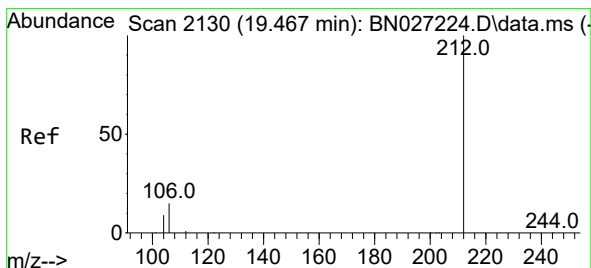
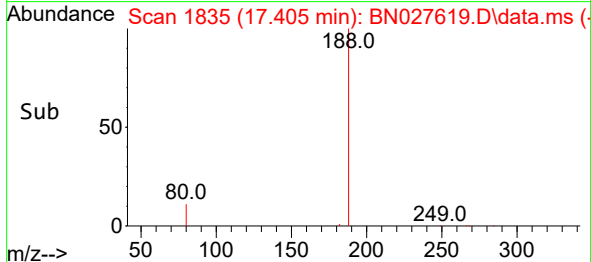
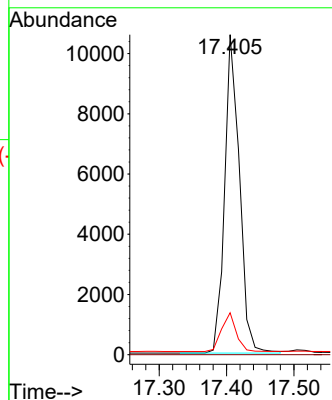
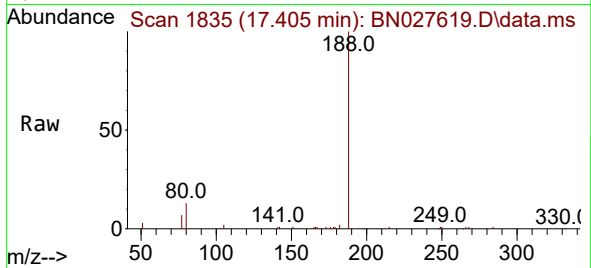




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

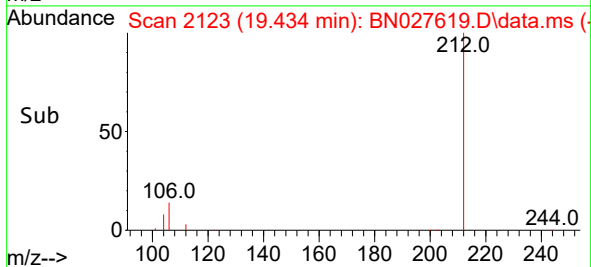
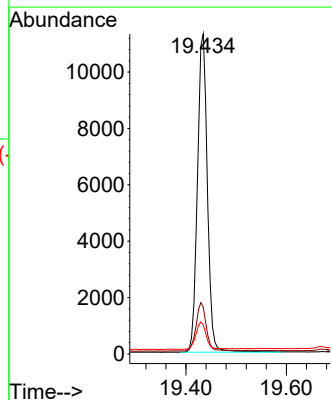
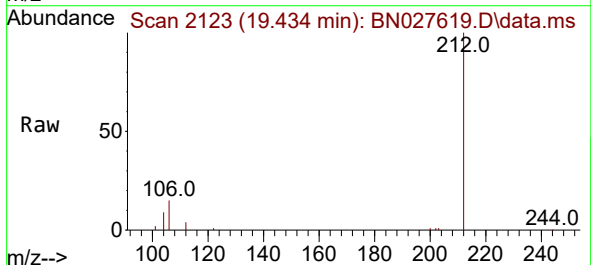
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BNA_N
ClientSampleId :
BR-03-127-090123-3V

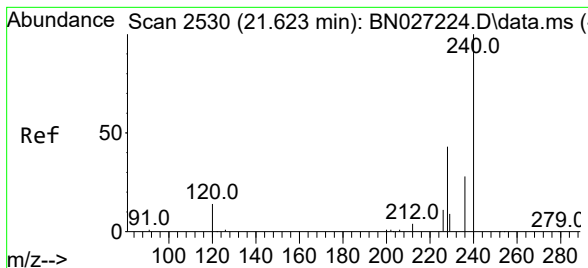
Tgt Ion:188 Resp: 16139
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.434 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027619.D
Acq: 12 Sep 2023 20:43

Tgt Ion:212 Resp: 15445
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 9.1 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090123-3V

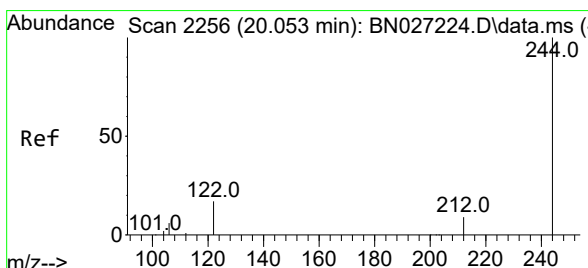
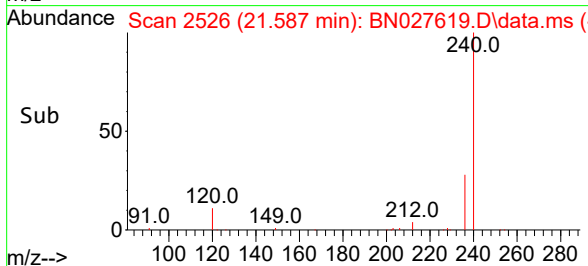
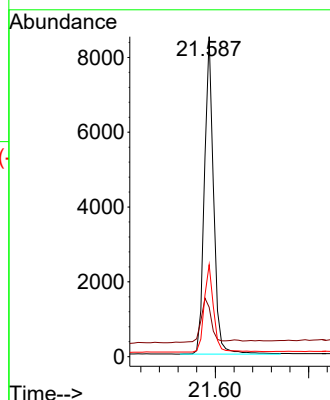
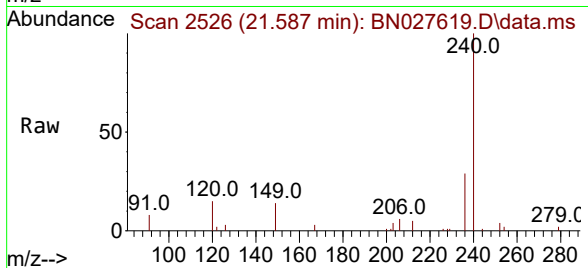
Tgt Ion:240 Resp: 11628

Ion Ratio Lower Upper

240 100

120 15.4 14.2 21.4

236 28.8 22.9 34.3



#31

Terphenyl-d14

Concen: 0.580 ng

RT: 20.015 min Scan# 2248

Delta R.T. -0.005 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

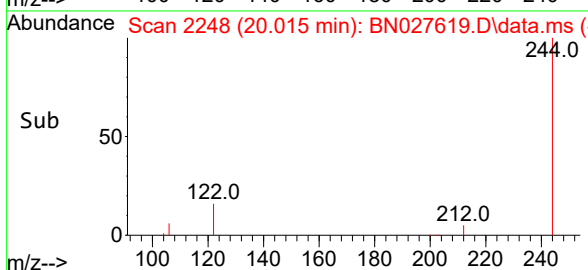
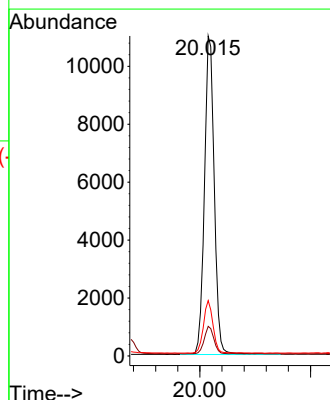
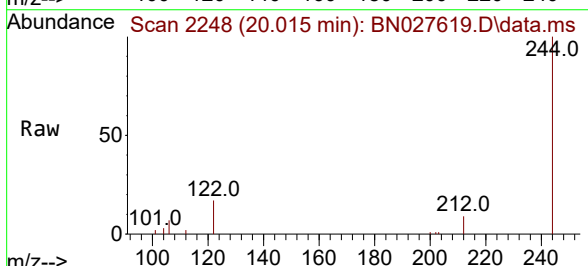
Tgt Ion:244 Resp: 13552

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

122 17.3 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 21.443 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

Instrument :

BNA_N

ClientSampleId :

BR-03-127-090123-3V

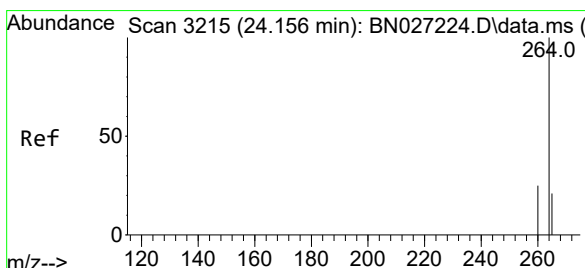
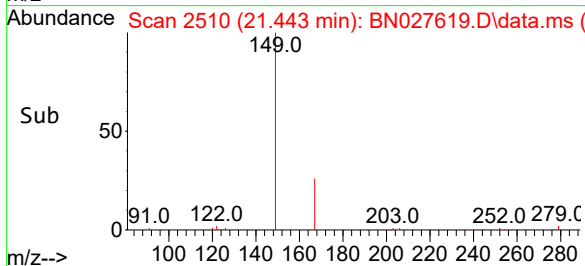
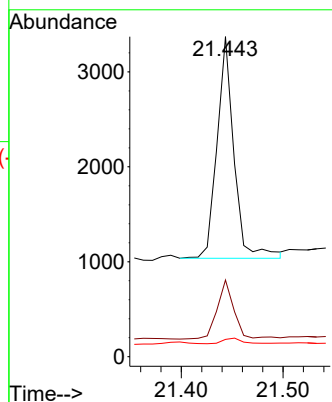
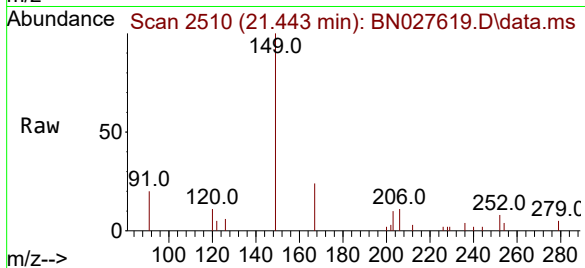
Tgt Ion:149 Resp: 2696

Ion Ratio Lower Upper

149 100

167 26.0 22.1 33.1

279 2.7 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.089 min Scan# 3192

Delta R.T. -0.006 min

Lab File: BN027619.D

Acq: 12 Sep 2023 20:43

Tgt Ion:264 Resp: 11269

Ion Ratio Lower Upper

264 100

260 26.3 20.7 31.1

265 78.9 53.3 79.9

