

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021694.D
 Acq On : 10 Sep 2022 12:10
 Operator : CG/JU
 Sample : N4508-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122

Quant Time: Sep 12 01:08:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

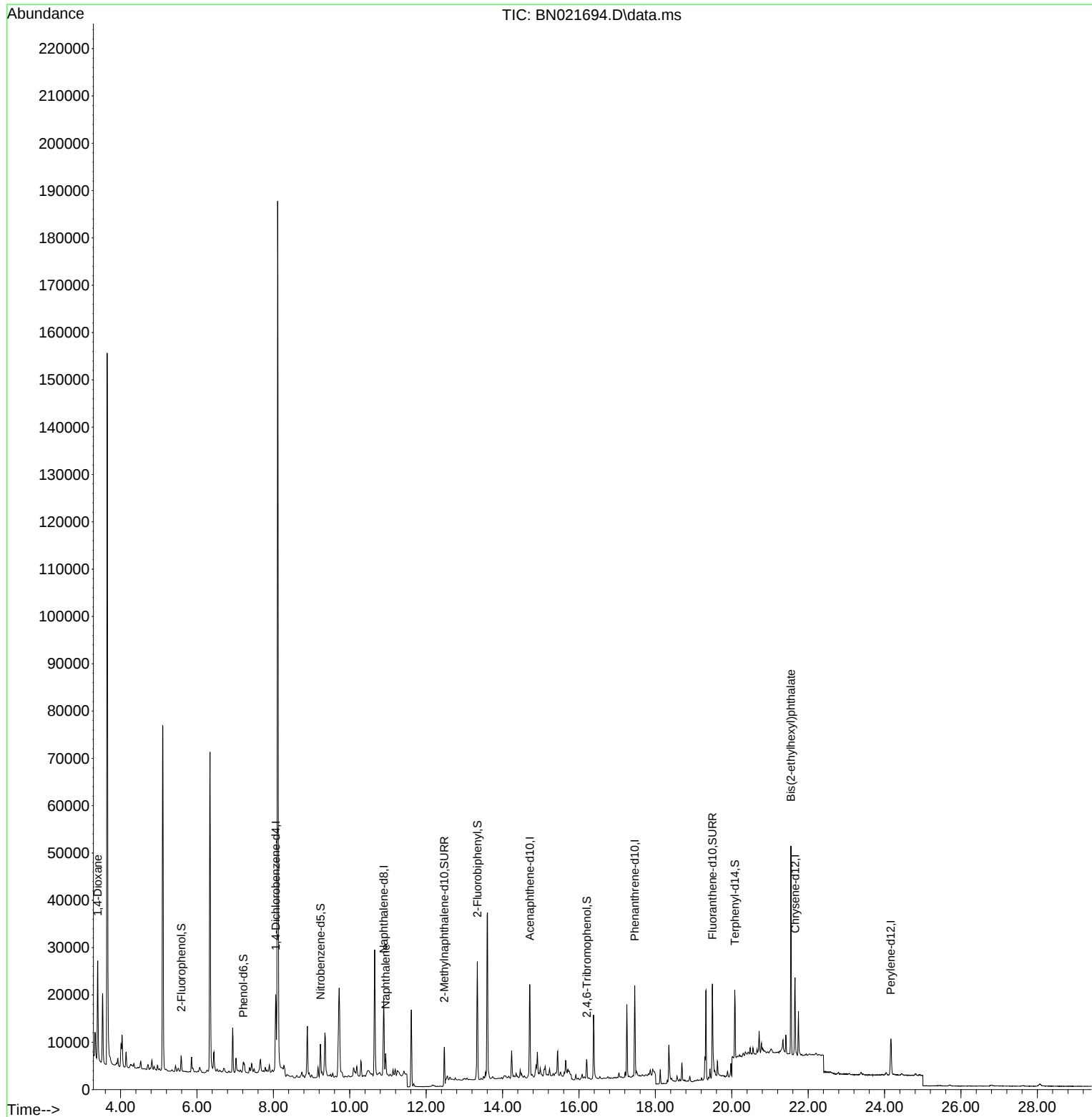
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6333	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	21839	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	12244	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	24544	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	15327	0.400	ng	# 0.00
35) Perylene-d12	24.162	264	11657	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	2515	0.203	ng	0.00
5) Phenol-d6	7.217	99	2066	0.131	ng	0.00
8) Nitrobenzene-d5	9.233	82	5635	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	13248	0.269	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	2323	0.578	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	20501	0.383	ng	0.00
27) Fluoranthene-d10	19.493	212	20469	0.324	ng	0.00
31) Terphenyl-d14	20.079	244	11814	0.343	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	14385	1.816	ng	# 92
9) Naphthalene	10.941	128	4799	0.074	ng	95
34) Bis(2-ethylhexyl)phtha...	21.548	149	37297	1.734	ng	100

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

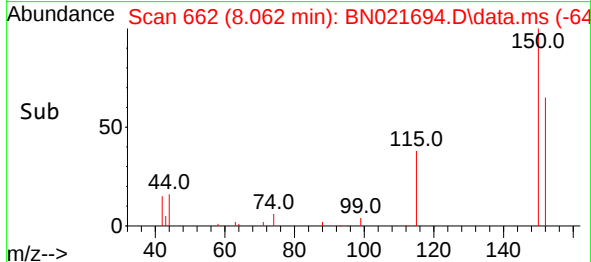
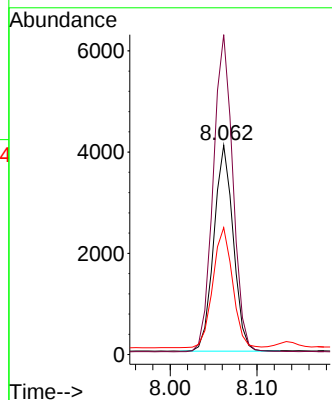
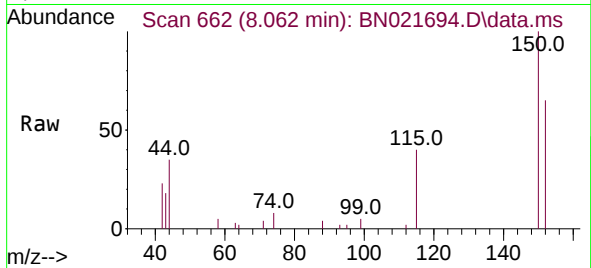




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021694.D
 Acq: 10 Sep 2022 12:10

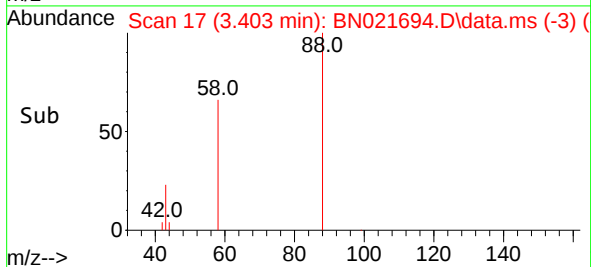
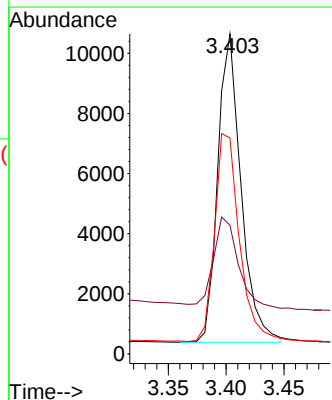
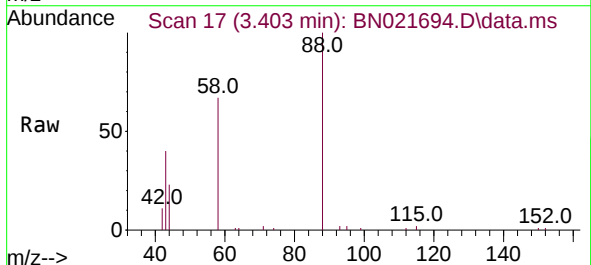
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122

Tgt Ion:152 Resp: 6333
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.4 182.0
 115 60.7 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.816 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021694.D
 Acq: 10 Sep 2022 12:10

Tgt Ion: 88 Resp: 14385
 Ion Ratio Lower Upper
 88 100
 43 31.7 35.8 53.8#
 58 71.3 57.1 85.7





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021694.D

Acq: 10 Sep 2022 12:10

Instrument :

BNA_N

ClientSampleId :

BR-01-180-200-090122

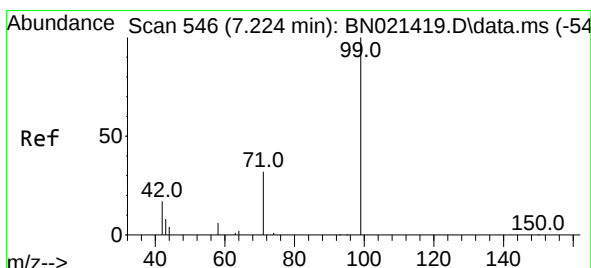
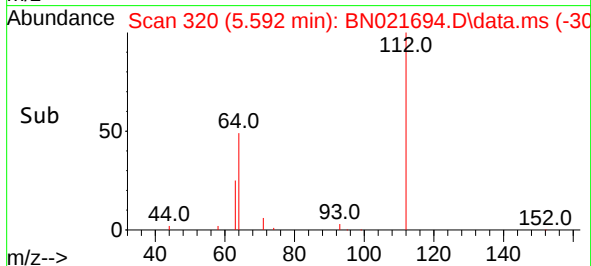
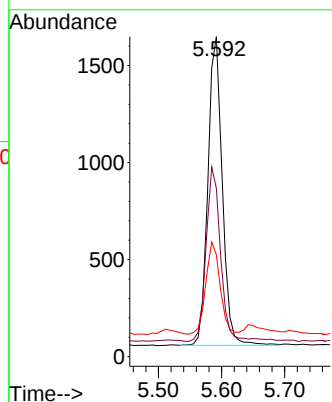
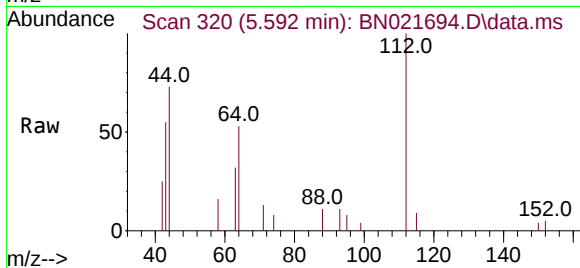
Tgt Ion:112 Resp: 2515

Ion Ratio Lower Upper

112 100

64 57.3 43.5 65.3

63 29.4 22.6 34.0



#5

Phenol-d6

Concen: 0.131 ng

RT: 7.217 min Scan# 545

Delta R.T. 0.000 min

Lab File: BN021694.D

Acq: 10 Sep 2022 12:10

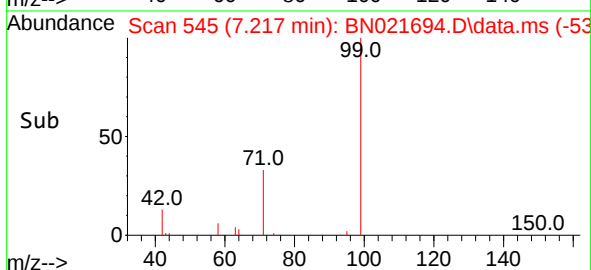
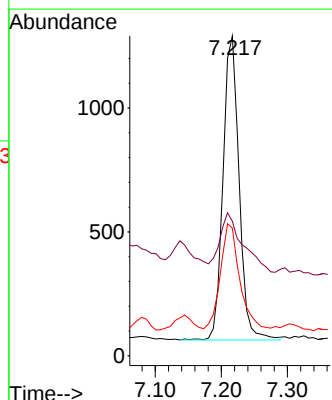
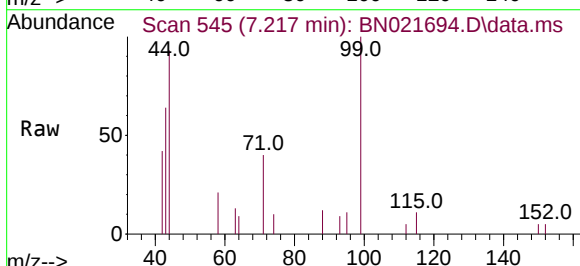
Tgt Ion: 99 Resp: 2066

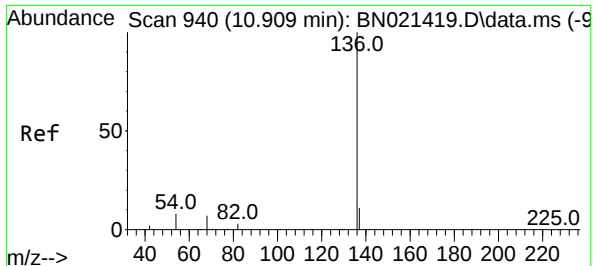
Ion Ratio Lower Upper

99 100

42 28.0 15.5 23.3#

71 42.0 24.2 36.2#

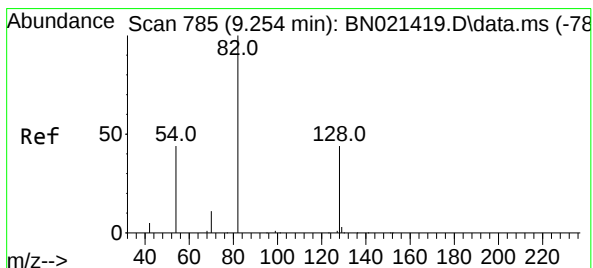
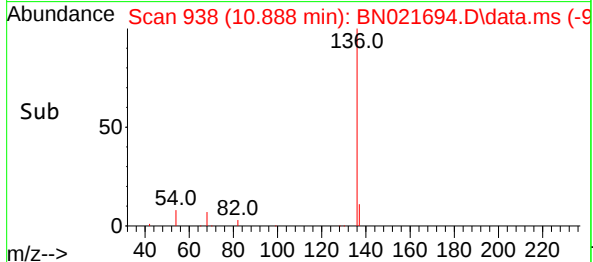
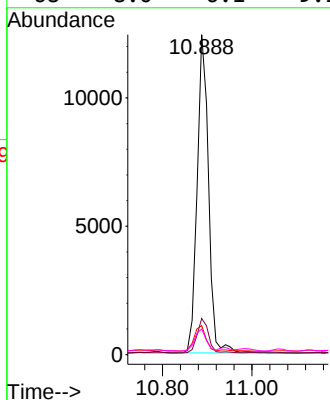
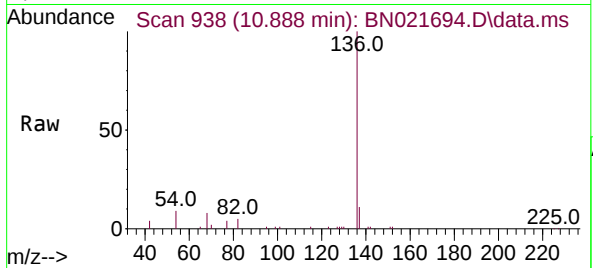




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

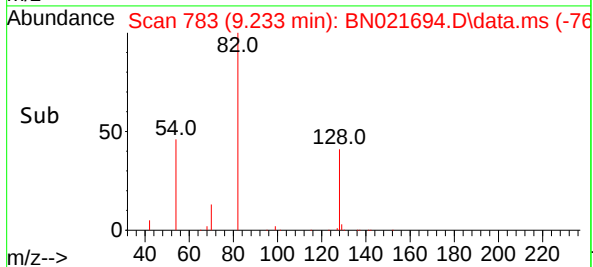
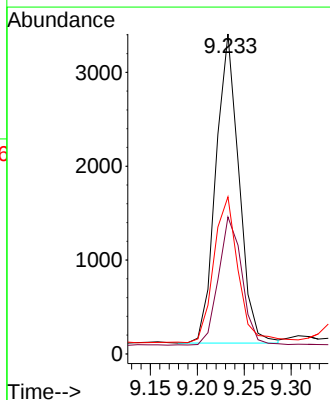
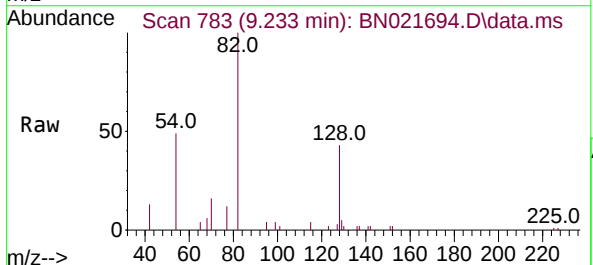
Instrument :
BNA_N
ClientSampleId :
BR-01-180-200-090122

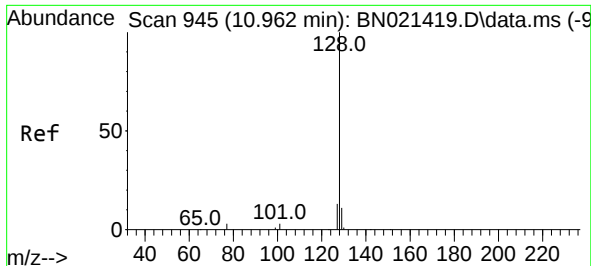
Tgt Ion:	136	Resp:	21839
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	9.1	6.9	10.3
68	8.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

Tgt Ion:	82	Resp:	5635
Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.9	46.3
54	49.1	42.7	64.1

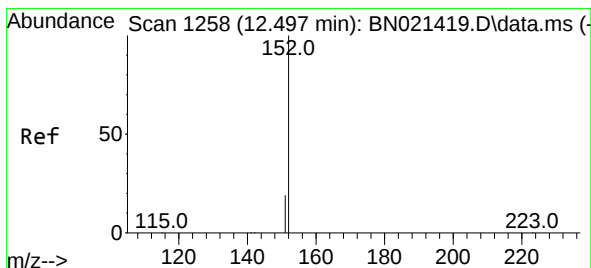
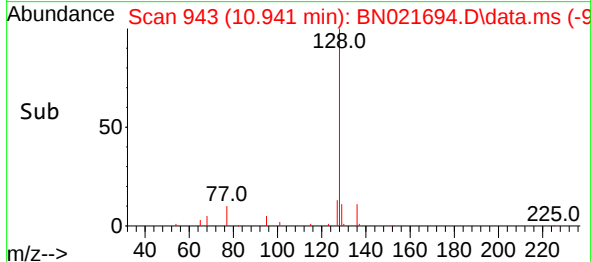
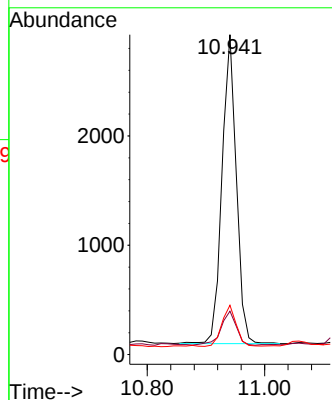
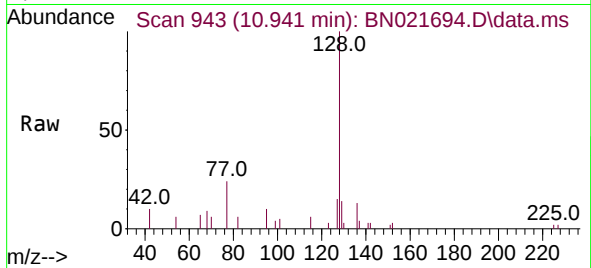




#9
Naphthalene
Concen: 0.074 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

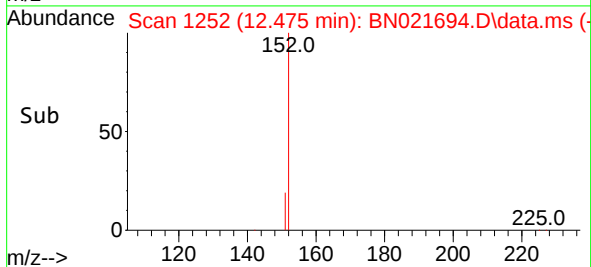
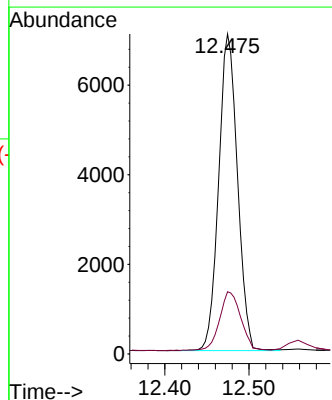
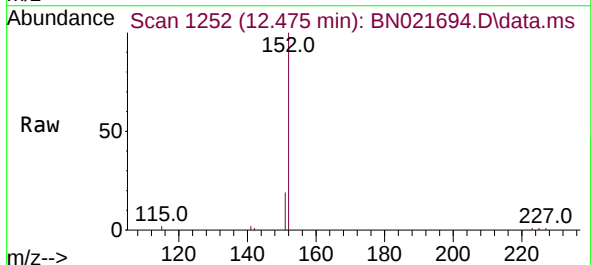
Instrument :
BNA_N
ClientSampleId :
BR-01-180-200-090122

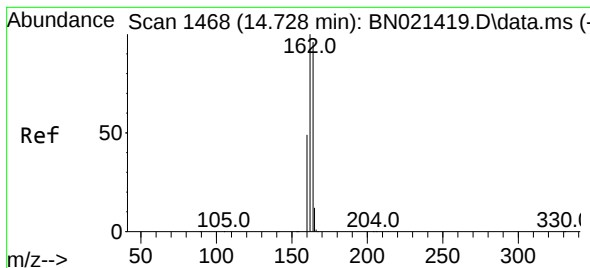
Tgt Ion:	128	Resp:	4799
Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	15.4	11.0	16.4



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.475 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

Tgt Ion:	152	Resp:	13248
Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.5	21.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.718 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BN021694.D

Acq: 10 Sep 2022 12:10

Instrument :

BNA_N

ClientSampleId :

BR-01-180-200-090122

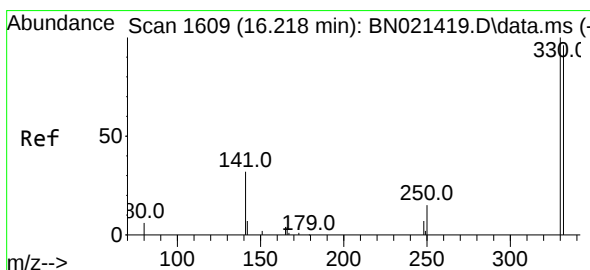
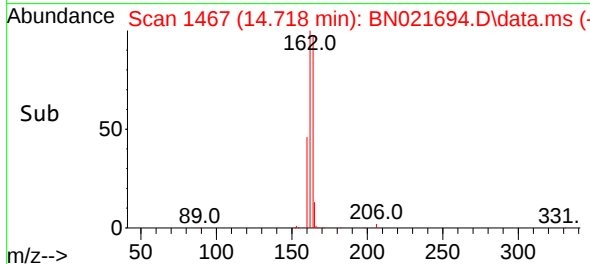
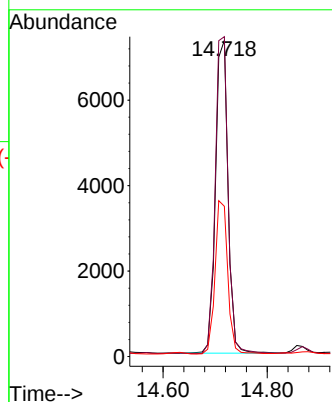
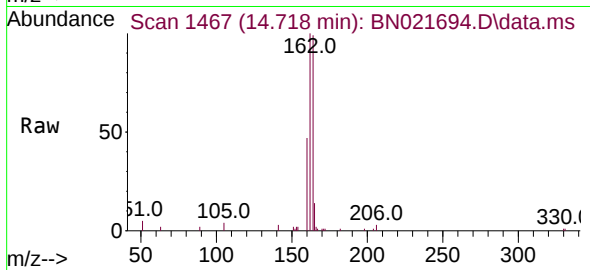
Tgt Ion:164 Resp: 12244

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.4

160 47.5 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.578 ng

RT: 16.208 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BN021694.D

Acq: 10 Sep 2022 12:10

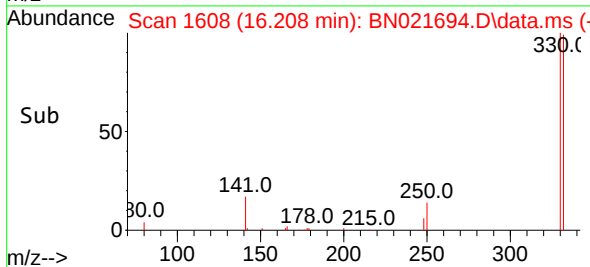
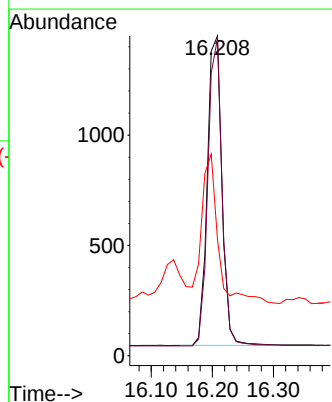
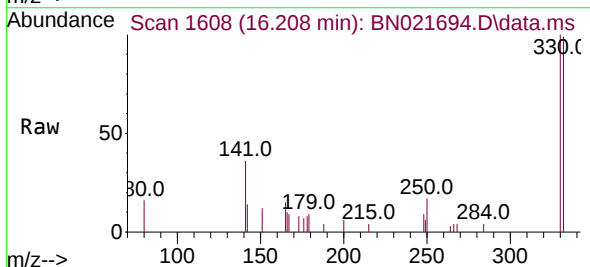
Tgt Ion:330 Resp: 2323

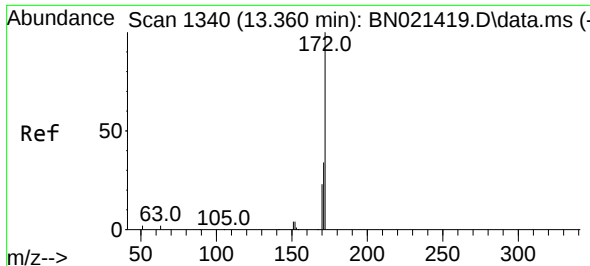
Ion Ratio Lower Upper

330 100

332 96.2 79.3 118.9

141 53.5 37.1 55.7

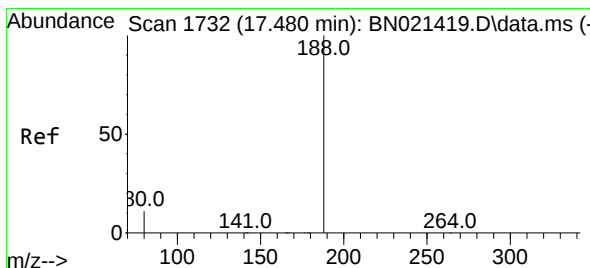
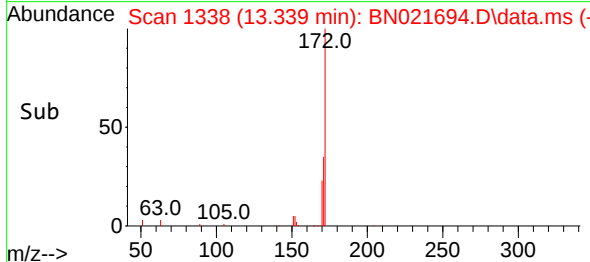
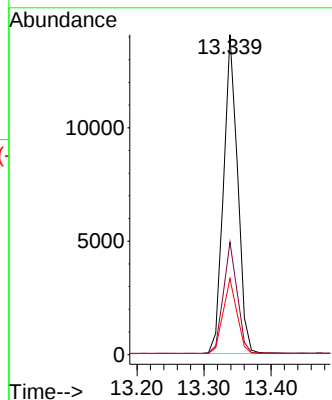
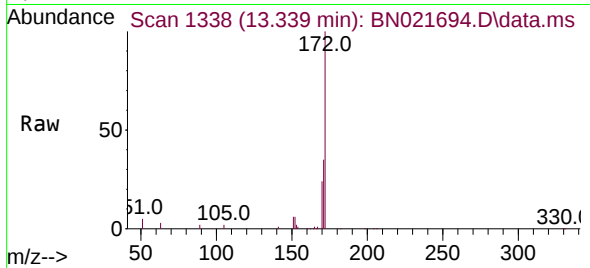




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

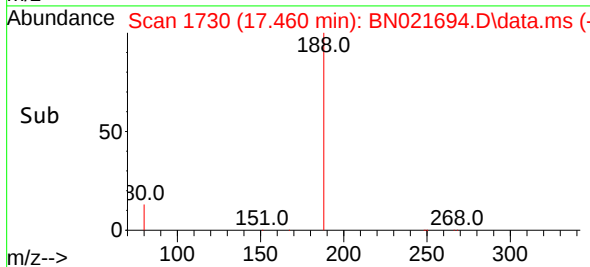
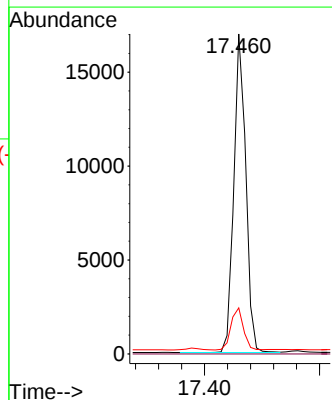
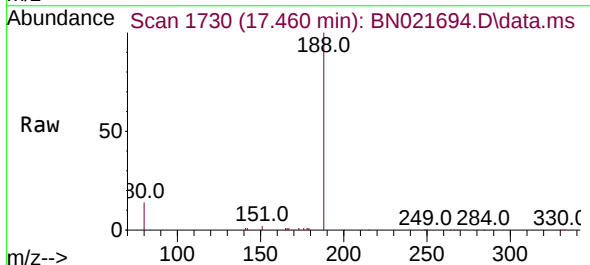
Instrument :
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BR-01-180-200-090122

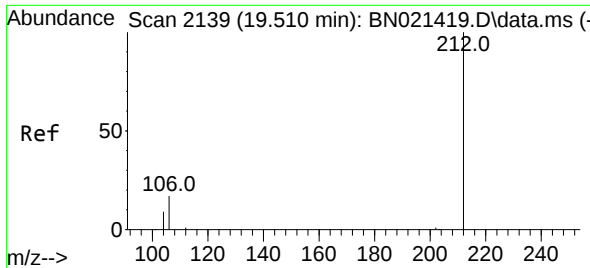
Tgt Ion:172 Resp: 20501
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

Tgt Ion:188 Resp: 24544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 9.5 14.3

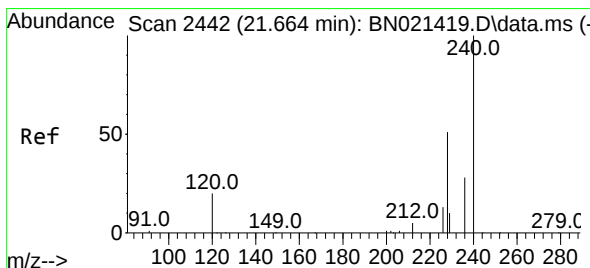
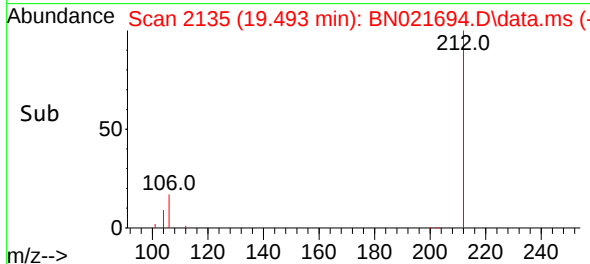
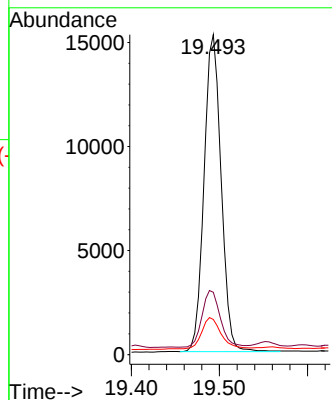
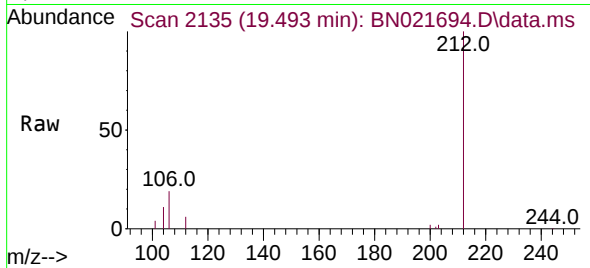




#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

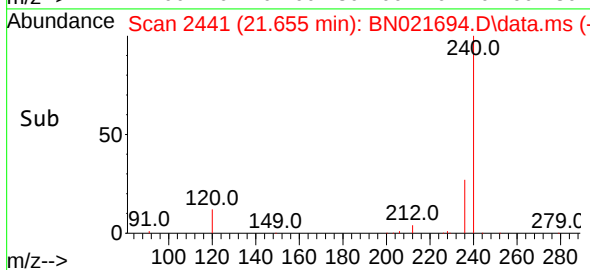
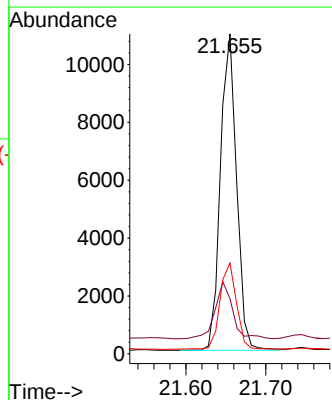
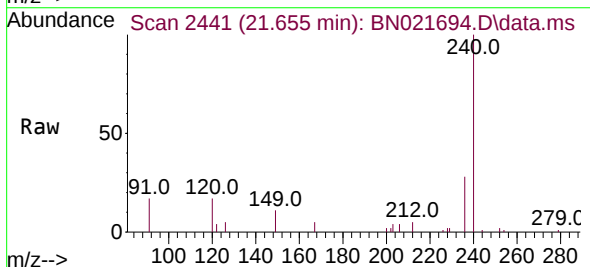
Instrument :
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BR-01-180-200-090122

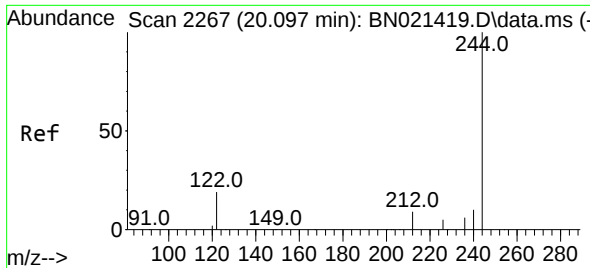
Tgt Ion:212 Resp: 20469
Ion Ratio Lower Upper
212 100
106 19.2 14.2 21.2
104 12.1 7.8 11.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021694.D
Acq: 10 Sep 2022 12:10

Tgt Ion:240 Resp: 15327
Ion Ratio Lower Upper
240 100
120 17.3 10.2 15.4#
236 28.4 22.1 33.1

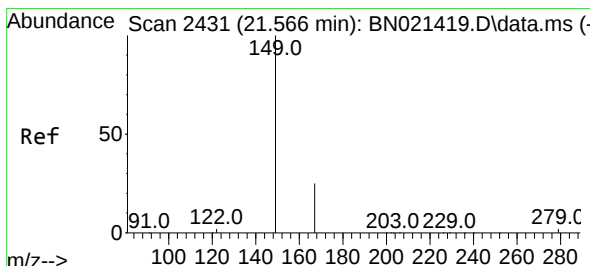
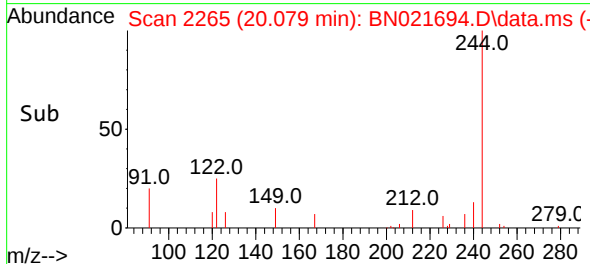
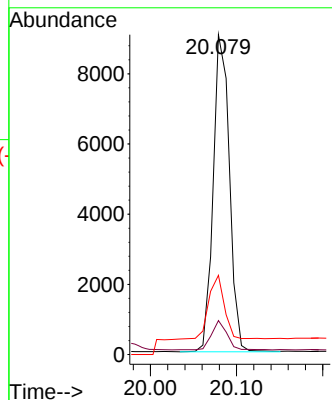
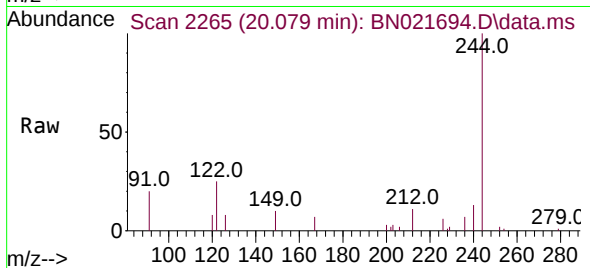




#31
 Terphenyl-d14
 Concen: 0.343 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021694.D
 Acq: 10 Sep 2022 12:10

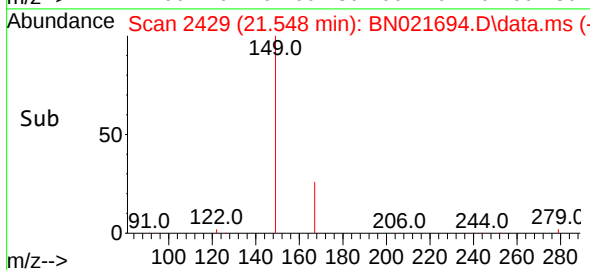
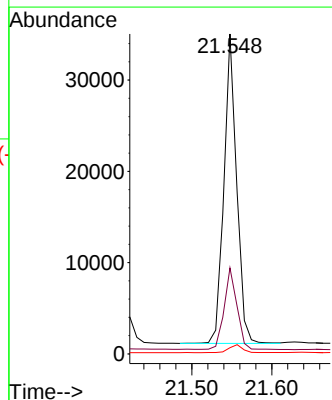
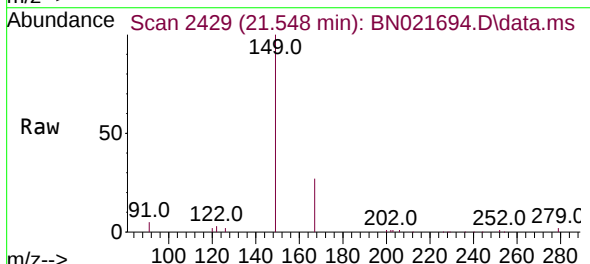
Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122

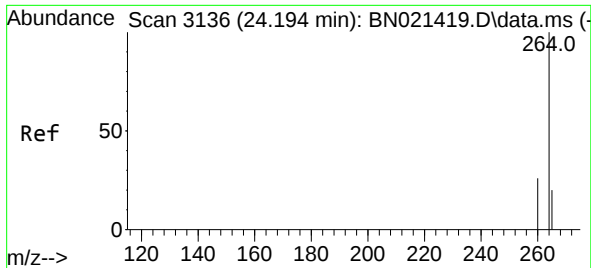
Tgt Ion:244 Resp: 11814
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.5 9.7#
 122 24.8 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.734 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021694.D
 Acq: 10 Sep 2022 12:10

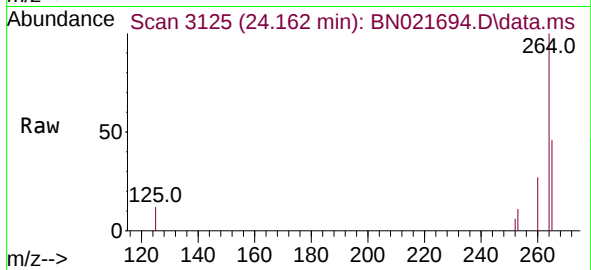
Tgt Ion:149 Resp: 37297
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.4 32.0
 279 2.8 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN021694.D
 Acq: 10 Sep 2022 12:10

Instrument :
 BNA_N
 ClientSampleId :
 BR-01-180-200-090122



Tgt Ion:264 Resp: 11657

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	46.1	32.2	48.2

