

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021531.D
 Acq On : 01 Sep 2022 18:38
 Operator : CG/JU
 Sample : N4297-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220821DL

Quant Time: Sep 02 00:59:40 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 02 00:53:31 2022
 Response via : Initial Calibration

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

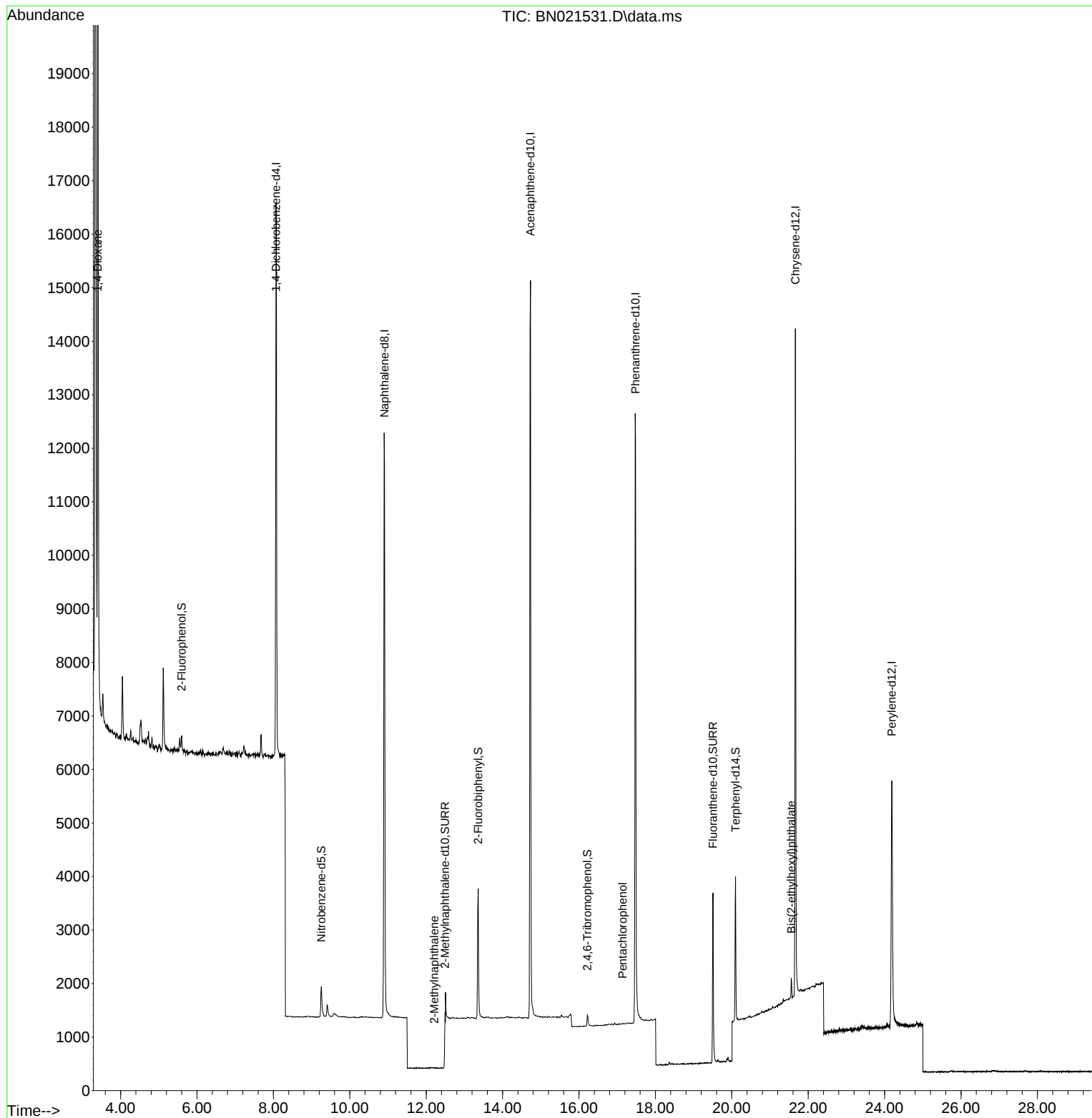
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5277	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16489	0.400	ng	# 0.01
13) Acenaphthene-d10	14.728	164	8963	0.400	ng	0.01
19) Phenanthrene-d10	17.480	188	18746	0.400	ng	0.01
29) Chrysene-d12	21.664	240	11815	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7703	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	274	0.027	ng	0.00
5) Phenol-d6	7.231	99	183	0.014	ng	0.01
8) Nitrobenzene-d5	9.254	82	641	0.058	ng	0.01
11) 2-Methylnaphthalene-d10	12.493	152	2377	0.064	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	159	0.054	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	2463	0.063	ng	0.01
27) Fluoranthene-d10	19.506	212	3754	0.078	ng	0.00
31) Terphenyl-d14	20.097	244	2476	0.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	10834	1.642	ng	# 89
12) 2-Methylnaphthalene	12.210	142	4	0.127	ng	# 1
24) Pentachlorophenol	17.141	266	19	0.207	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.557	149	446	0.027	ng	# 94

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

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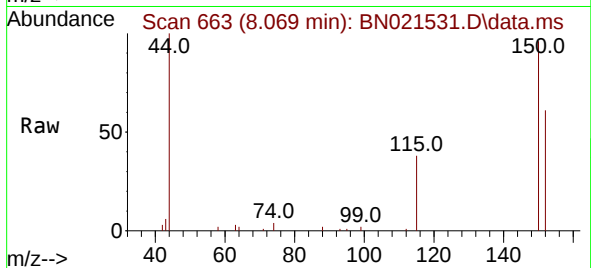
Quant Time: Sep 02 00:59:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



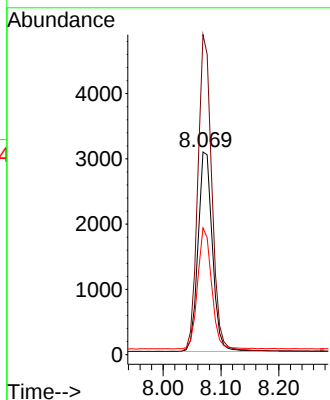
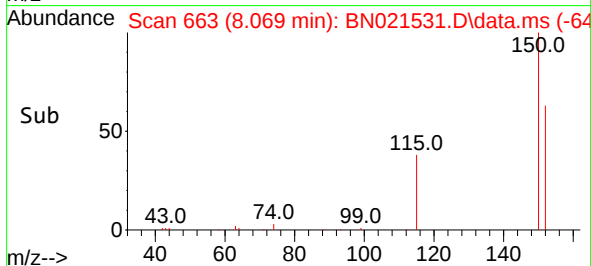


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021531.D
 Acq: 01 Sep 2022 18:38

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220821DL

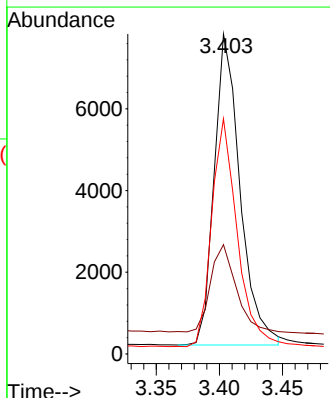
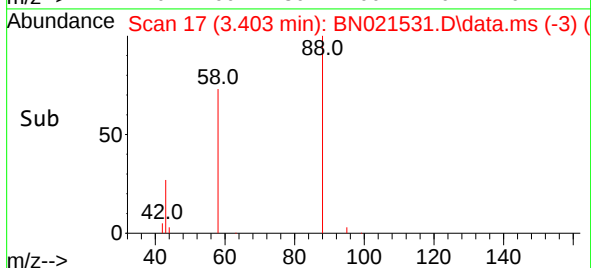
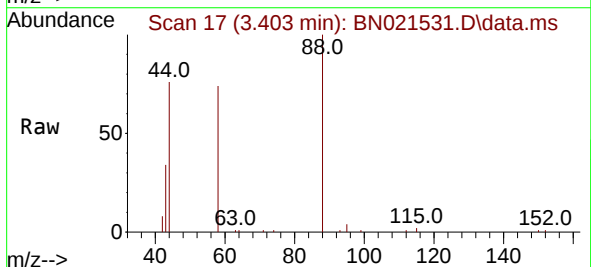


Tgt Ion:152 Resp: 5277
 Ion Ratio Lower Upper
 152 100
 150 157.8 121.4 182.0
 115 62.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.642 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021531.D
 Acq: 01 Sep 2022 18:38

Tgt Ion: 88 Resp: 10834
 Ion Ratio Lower Upper
 88 100
 43 27.8 35.8 53.8#
 58 72.2 57.1 85.7

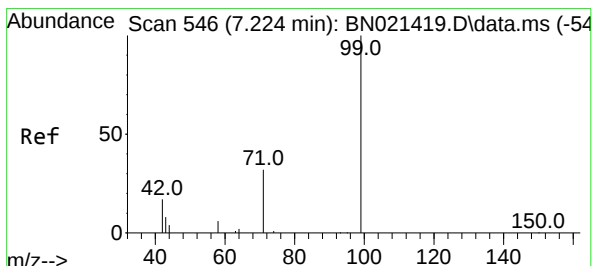
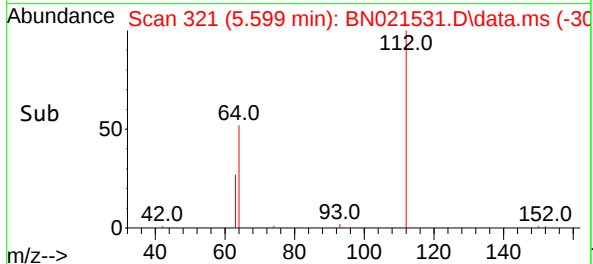
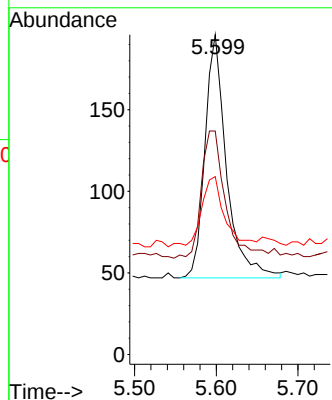
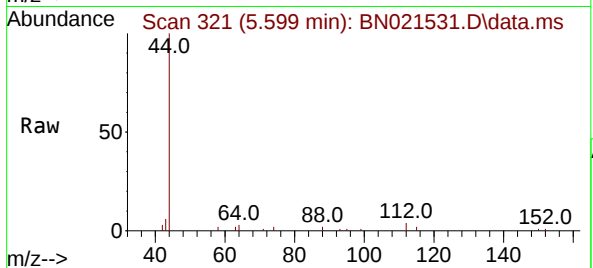




#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

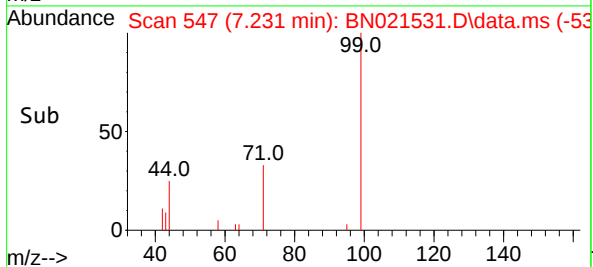
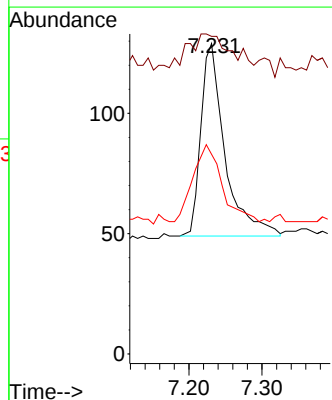
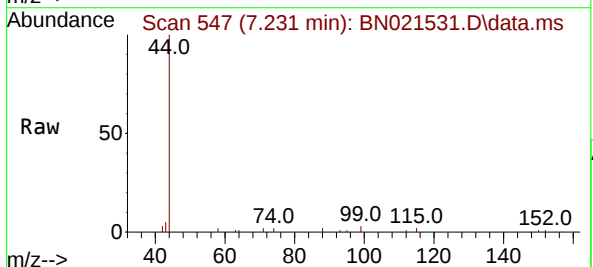
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL

Tgt Ion:112 Resp: 274
Ion Ratio Lower Upper
112 100
64 60.9 43.5 65.3
63 29.9 22.6 34.0



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.014 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion: 99 Resp: 183
Ion Ratio Lower Upper
99 100
42 27.3 15.5 23.3#
71 49.7 24.2 36.2#

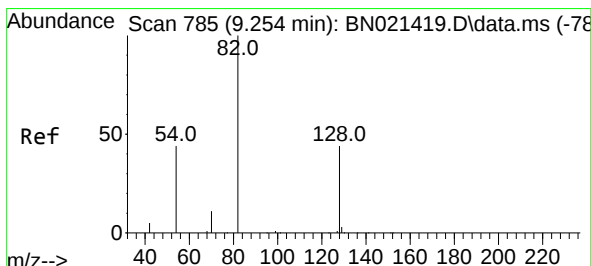
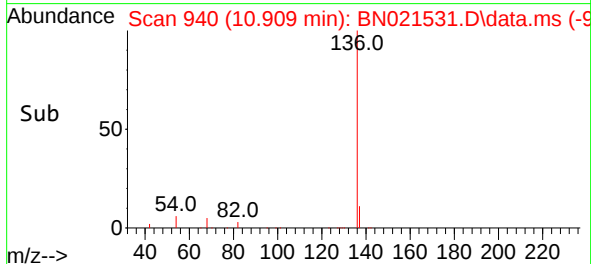
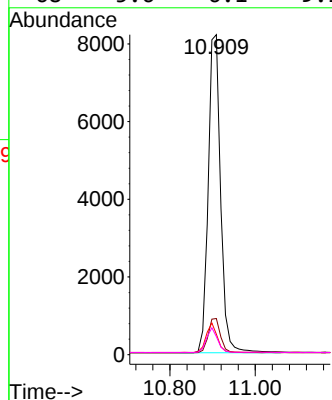
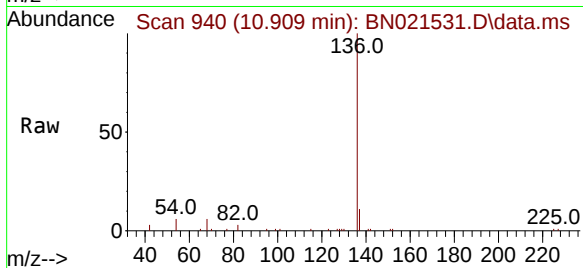




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

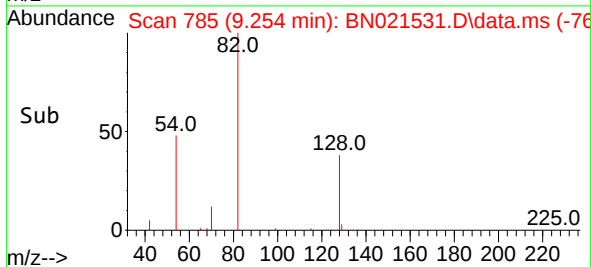
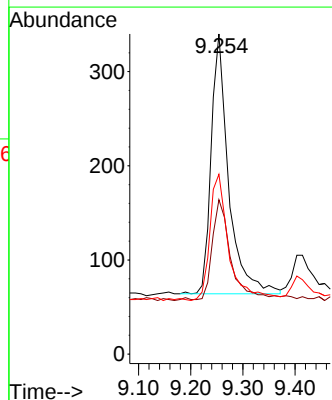
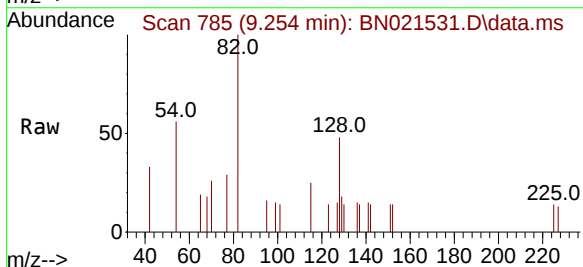
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL

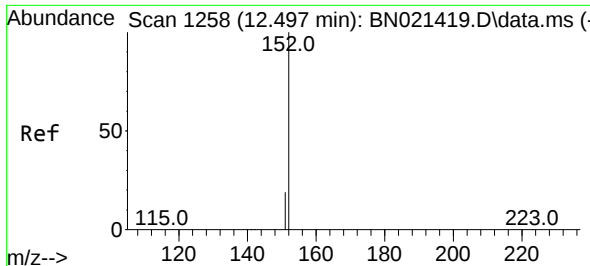
Tgt Ion:	136	Resp:	16489
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.4	6.9	10.3#
68	5.6	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.058 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion:	82	Resp:	641
Ion Ratio	Lower	Upper	
82	100		
128	48.2	30.9	46.3#
54	56.2	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.064 ng

RT: 12.493 min Scan# 1182

Delta R.T. 0.008 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

Instrument :

BNA_N

ClientSampleId :

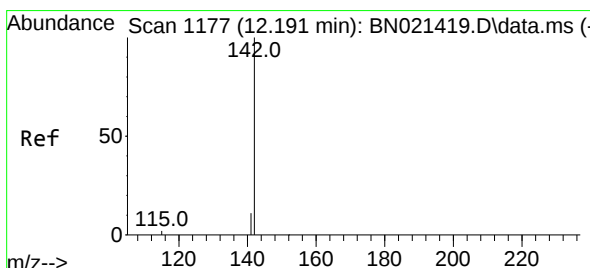
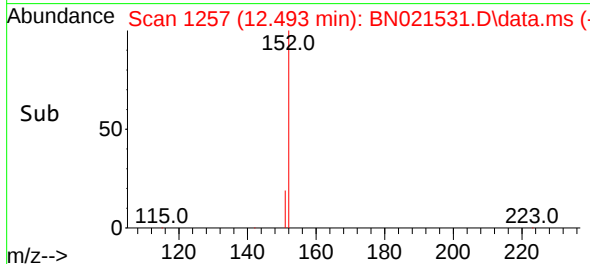
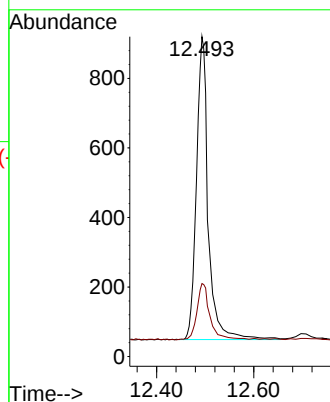
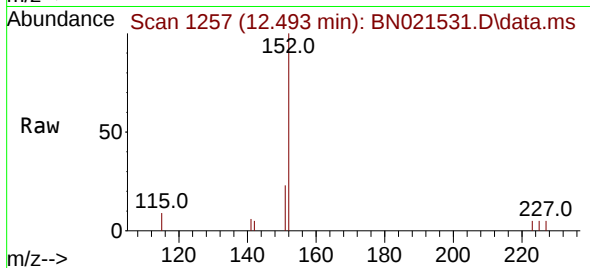
RE131D2-20220821DL

Tgt Ion:152 Resp: 2377

Ion Ratio Lower Upper

152 100

151 16.4 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.210 min Scan# 1182

Delta R.T. 0.026 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

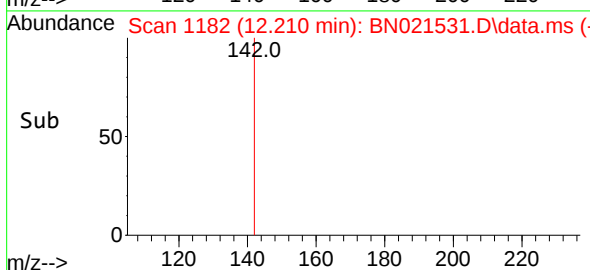
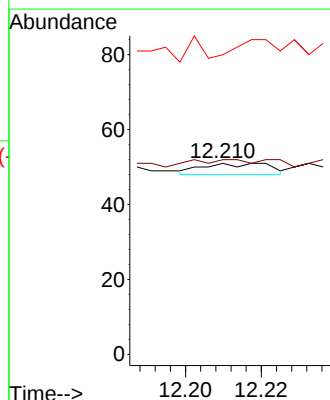
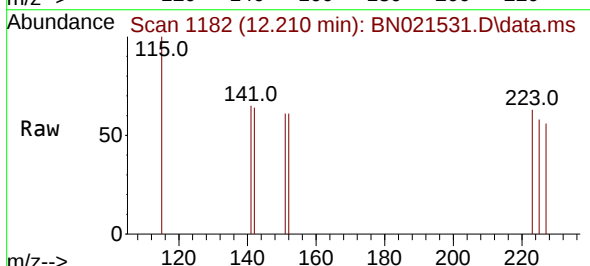
Tgt Ion:142 Resp: 4

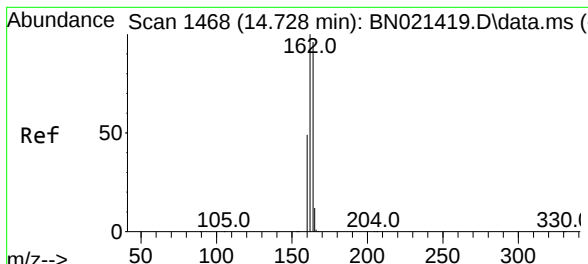
Ion Ratio Lower Upper

142 100

141 102.0 12.2 18.2#

115 156.9 7.9 11.9#

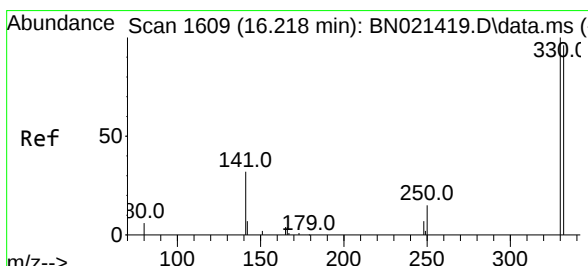
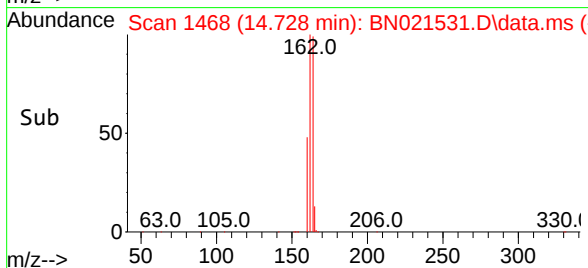
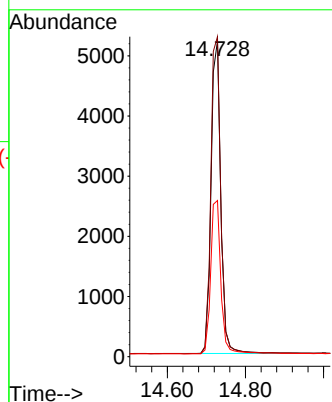
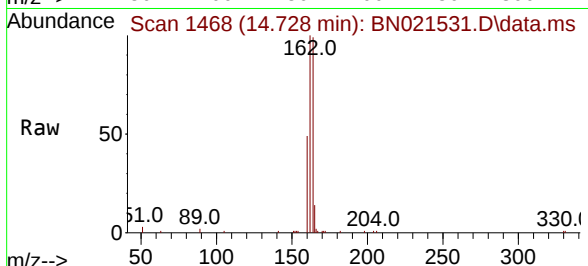




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.728 min Scan# 14
 Delta R.T. 0.011 min
 Lab File: BN021531.D
 Acq: 01 Sep 2022 18:38

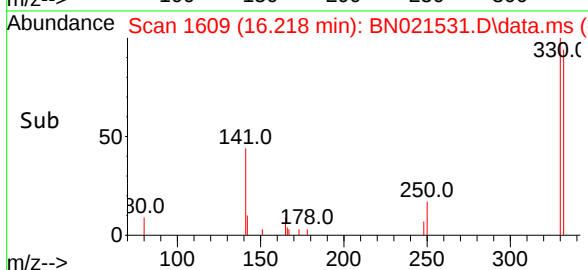
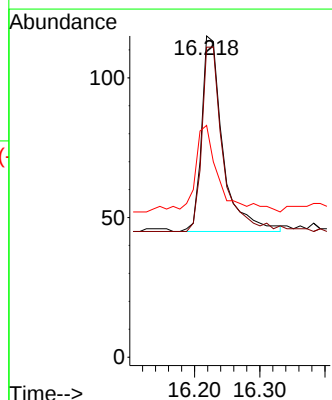
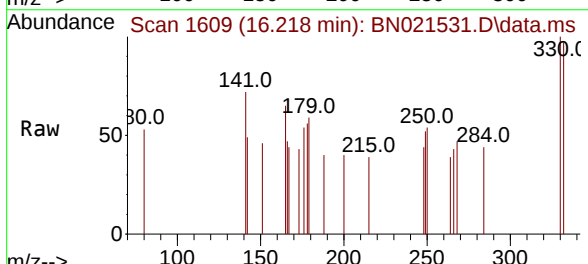
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220821DL

Tgt Ion:	164	Resp:	8963
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.4
160	49.4	39.5	59.3



#14
 2,4,6-Tribromophenol
 Concen: 0.054 ng
 RT: 16.218 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BN021531.D
 Acq: 01 Sep 2022 18:38

Tgt Ion:	330	Resp:	159
Ion Ratio	Lower	Upper	
330	100		
332	94.3	79.3	118.9
141	47.8	37.1	55.7

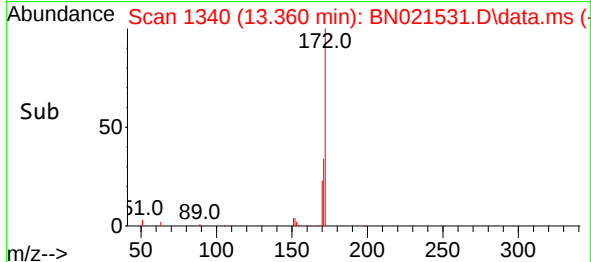
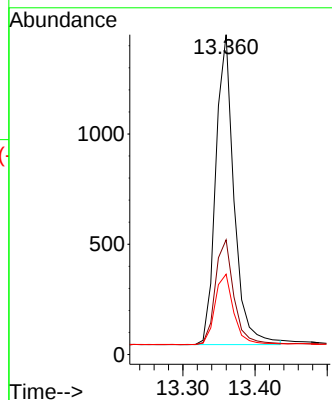
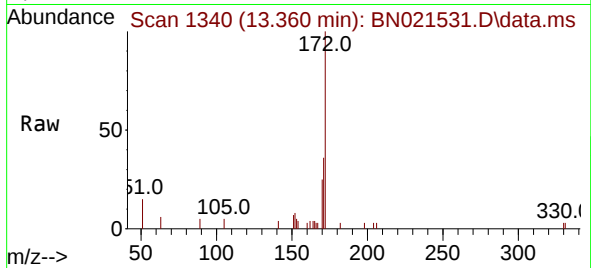




#15
2-Fluorobiphenyl
Concen: 0.063 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

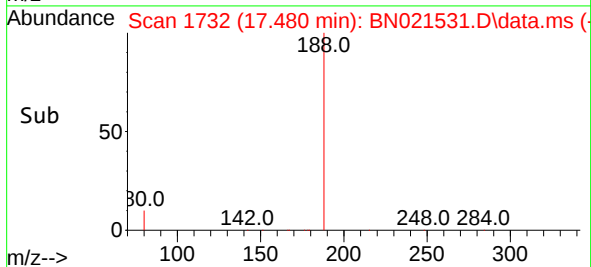
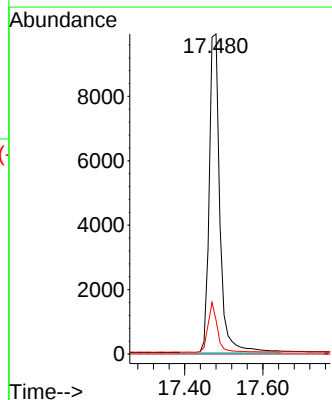
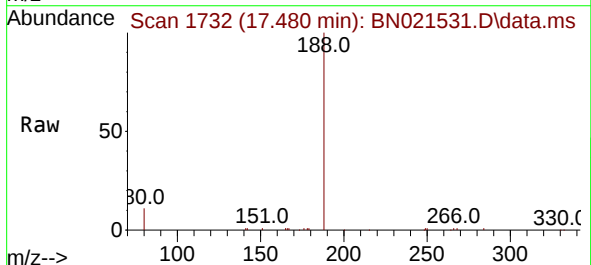
Instrument :
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ClientSampleId :
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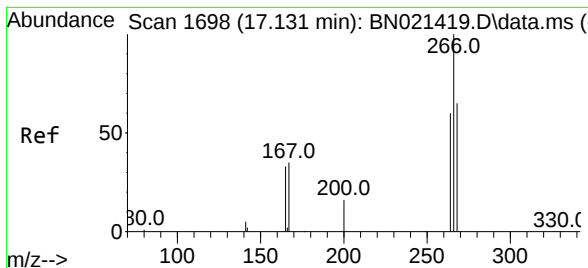
Tgt Ion:172 Resp: 2463
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 25.1 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.010 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion:188 Resp: 18746
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3





#24

Pentachlorophenol

Concen: 0.207 ng

RT: 17.141 min Scan# 1

Delta R.T. 0.020 min

Lab File: BN021531.D

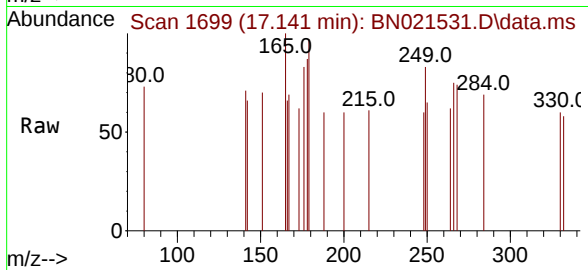
Acq: 01 Sep 2022 18:38

Instrument :

BNA_N

ClientSampleId :

RE131D2-20220821DL



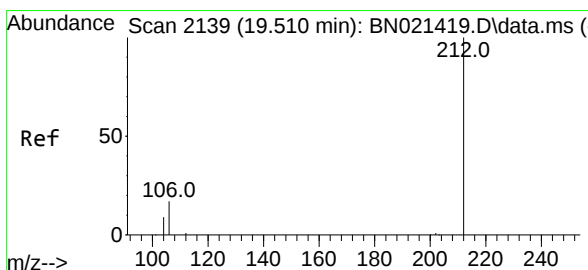
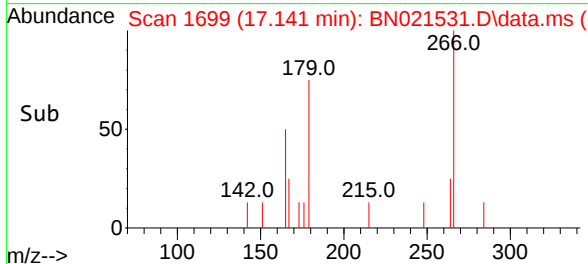
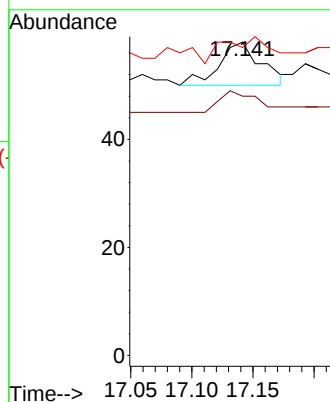
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 63.2 49.0 73.6

268 0.0 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.078 ng

RT: 19.506 min Scan# 2138

Delta R.T. 0.004 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

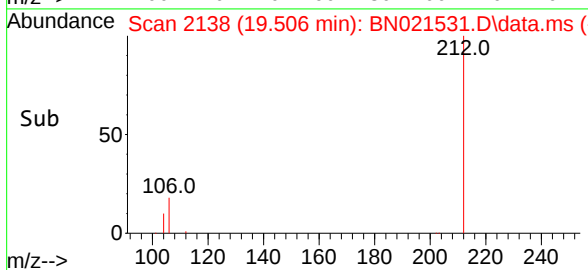
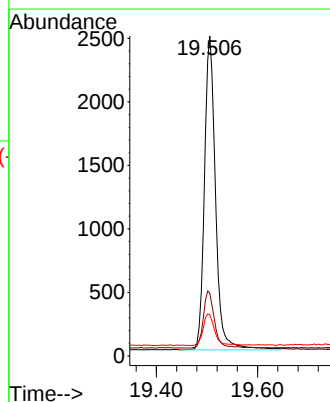
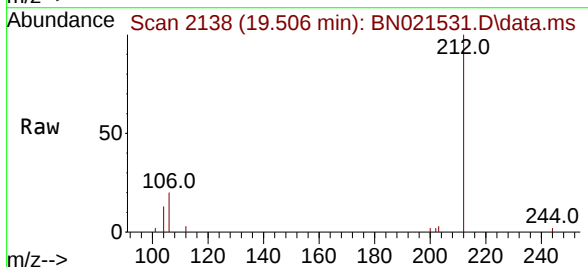
Tgt Ion:212 Resp: 3754

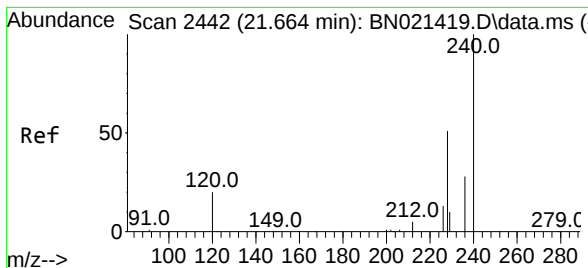
Ion Ratio Lower Upper

212 100

106 18.1 14.2 21.2

104 10.3 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: BN021531.D

Acq: 01 Sep 2022 18:38

Instrument :

BNA_N

ClientSampleId :

RE131D2-20220821DL

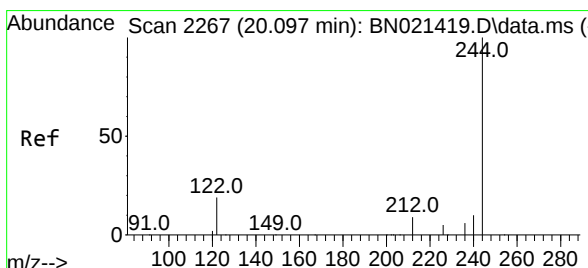
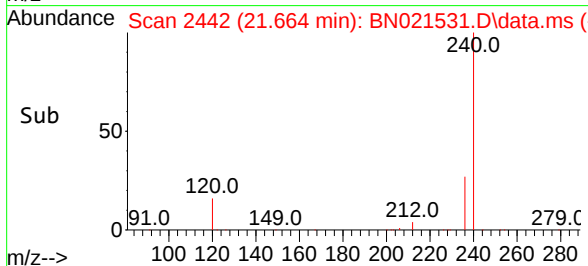
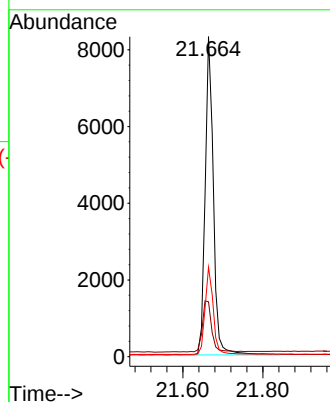
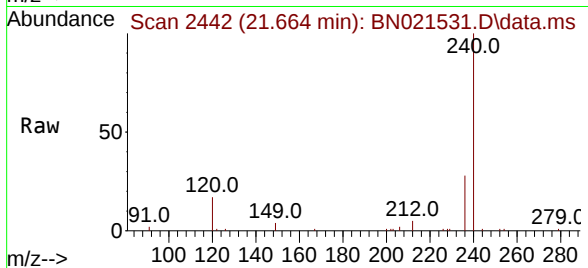
Tgt Ion:240 Resp: 11815

Ion Ratio Lower Upper

240 100

120 17.2 10.2 15.4#

236 27.9 22.1 33.1



#31

Terphenyl-d14

Concen: 0.093 ng

RT: 20.097 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

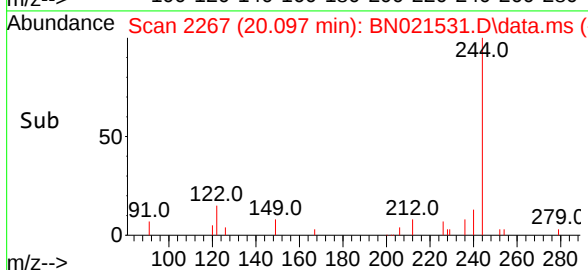
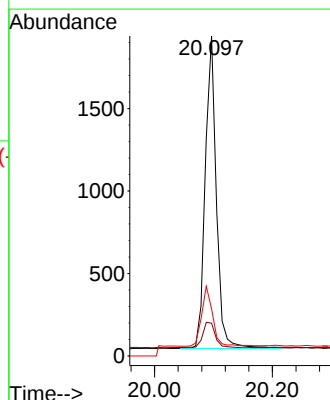
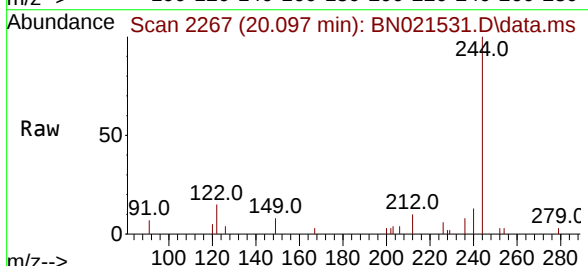
Tgt Ion:244 Resp: 2476

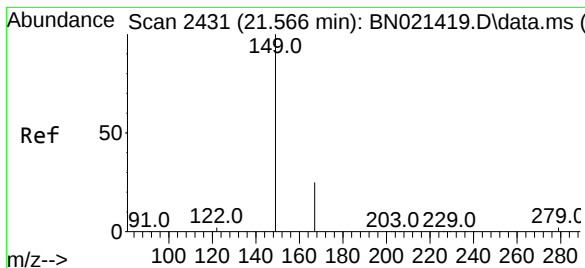
Ion Ratio Lower Upper

244 100

212 10.3 6.5 9.7#

122 14.7 9.1 13.7#

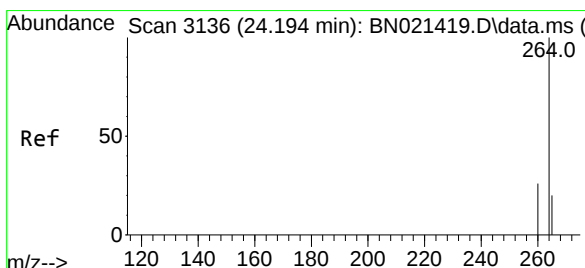
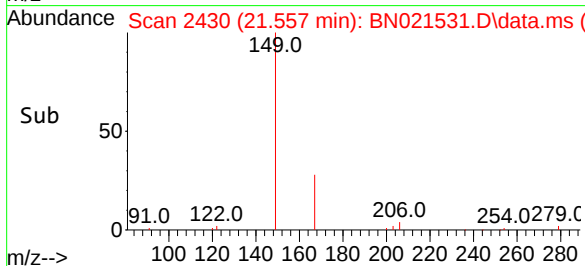
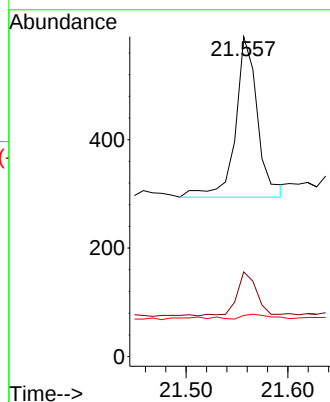
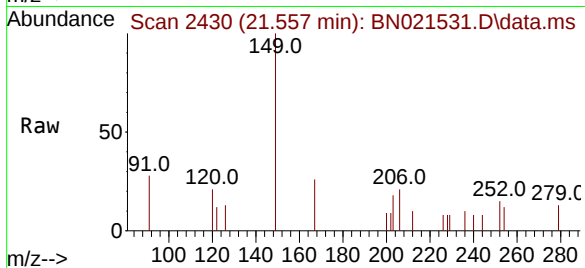




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.557 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL

Tgt Ion:149 Resp: 446
Ion Ratio Lower Upper
149 100
167 23.5 21.4 32.0
279 3.8 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion:264 Resp: 7703
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 38.7 32.2 48.2

