

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141038.D
 Acq On : 30 Dec 2024 18:32
 Operator : RC/JU
 Sample : P5386-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397

Quant Time: Dec 31 00:15:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

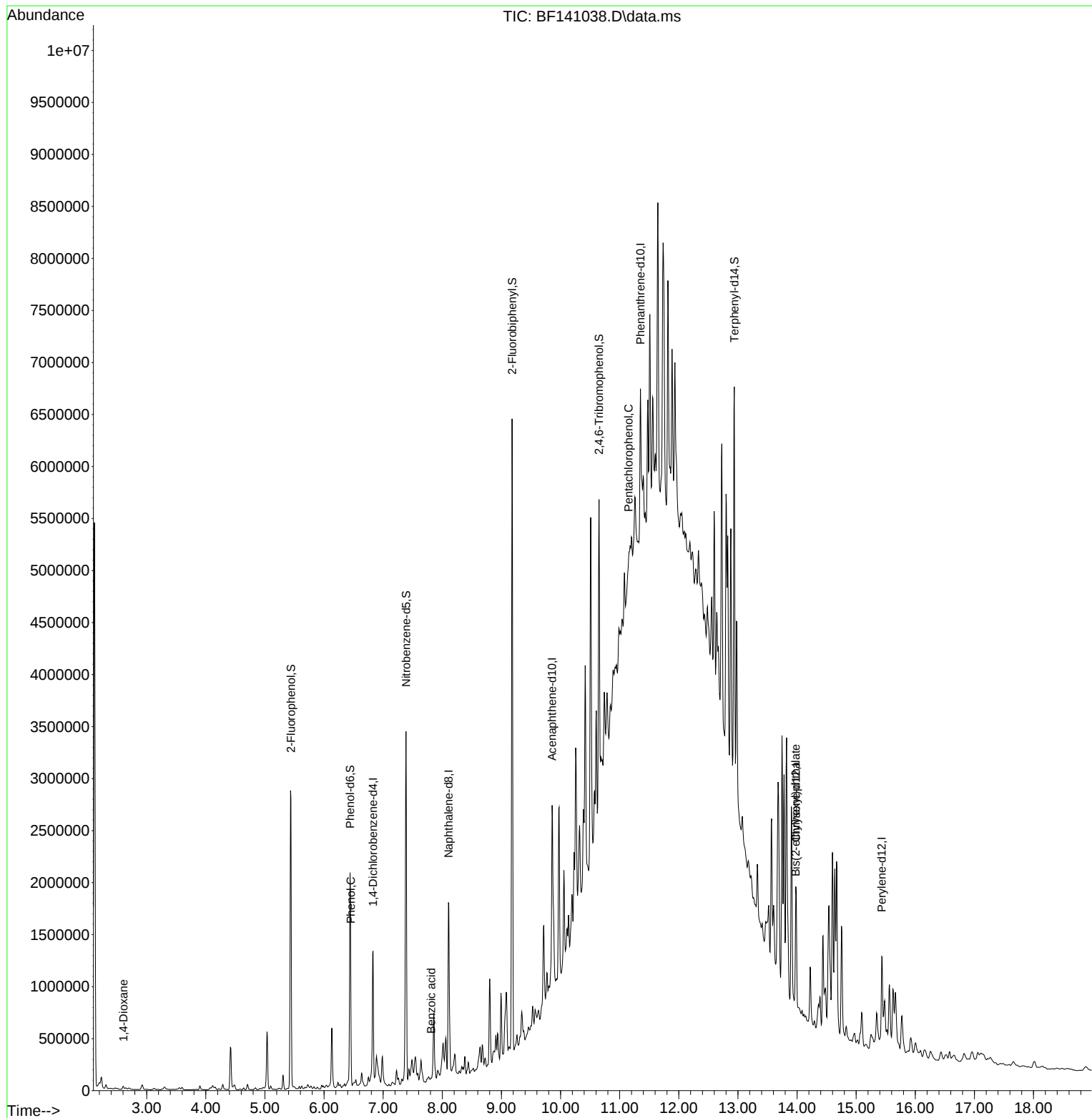
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	248655	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	963386	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	487598	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	669848	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	458962	20.000	ng	0.00
86) Perylene-d12	15.433	264	507277	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1123688	68.119	ng	0.00
7) Phenol-d6	6.440	99	949835	44.698	ng	-0.01
23) Nitrobenzene-d5	7.387	82	1517222	100.758	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	607187	128.152	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2583264	84.409	ng	0.00
79) Terphenyl-d14	12.939	244	2123856	76.863	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.605	88	22998	3.079	ng	Qvalue 95
10) Phenol	6.451	94	70293	3.199	ng	# 76
32) Benzoic acid	7.810	122	8255	8.396	ng	98
70) Pentachlorophenol	11.151	266	15042	3.026	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	63598	3.345	ng	91

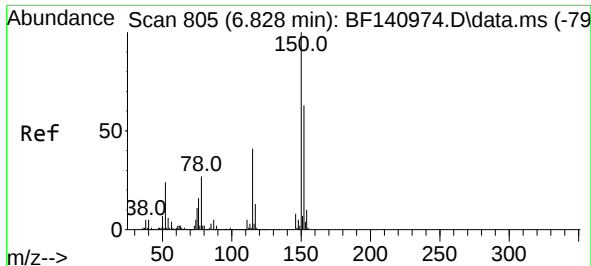
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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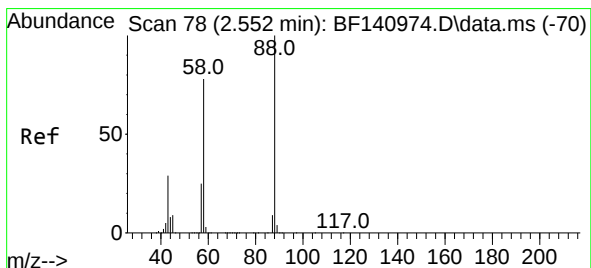
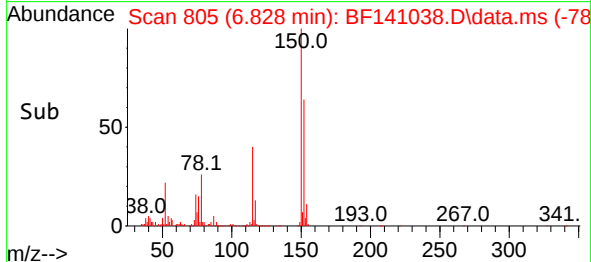
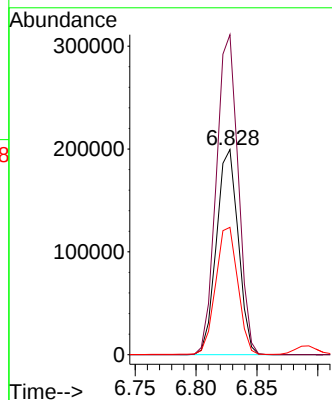
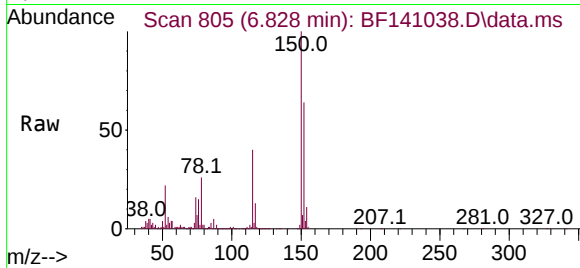




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

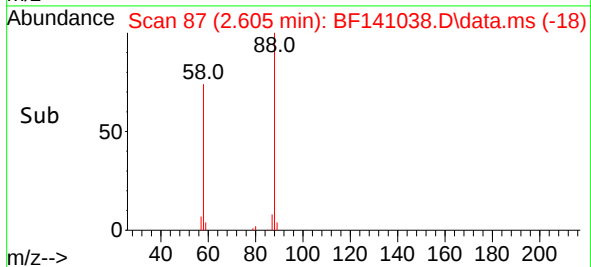
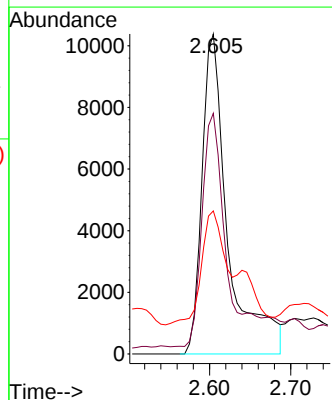
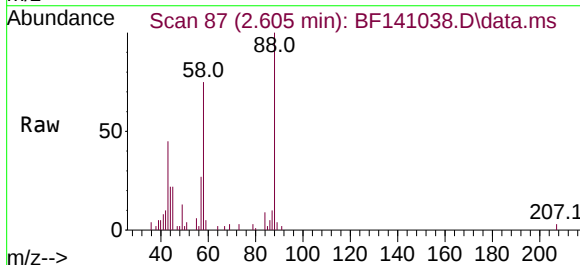
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397

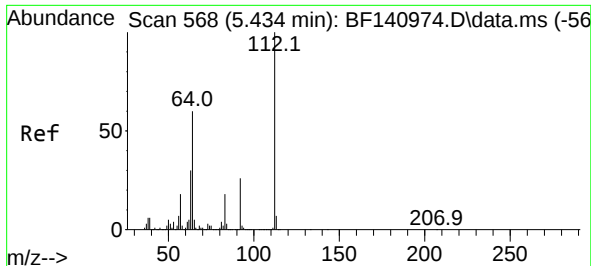
Tgt Ion:152 Resp: 248655
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.0 190.6
 115 62.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 3.079 ng
 RT: 2.605 min Scan# 87
 Delta R.T. 0.053 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

Tgt Ion: 88 Resp: 22998
 Ion Ratio Lower Upper
 88 100
 58 74.2 63.0 94.4
 43 32.4 23.4 35.2

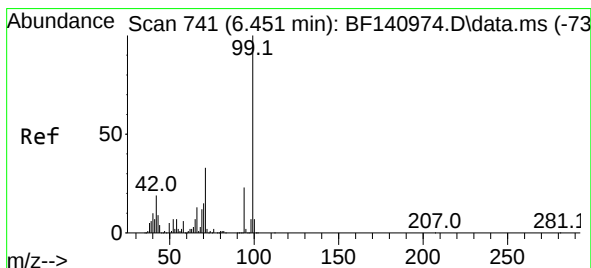
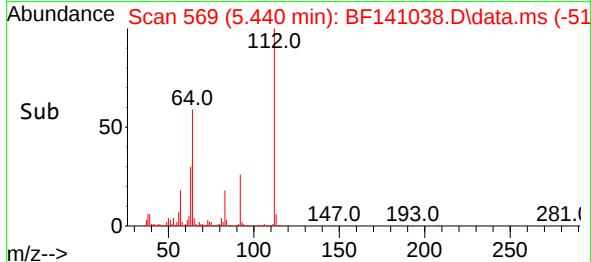
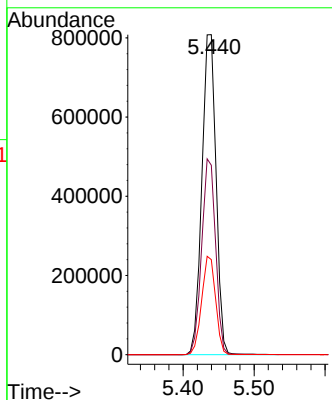
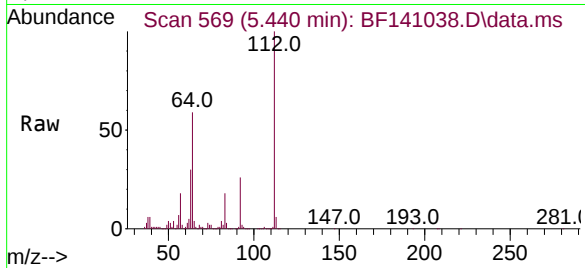




#5
2-Fluorophenol
Concen: 68.119 ng
RT: 5.440 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

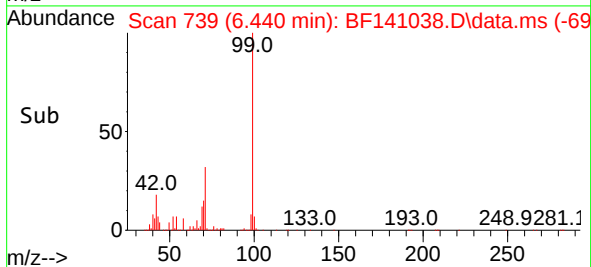
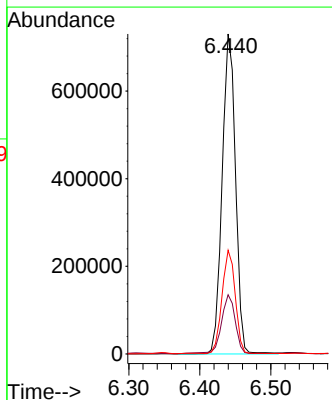
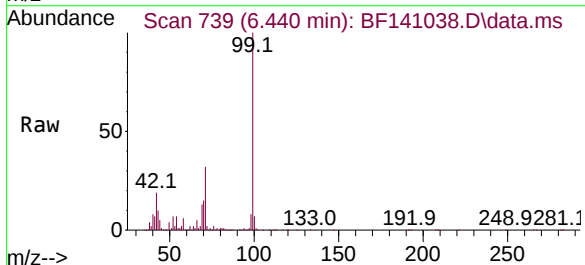
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

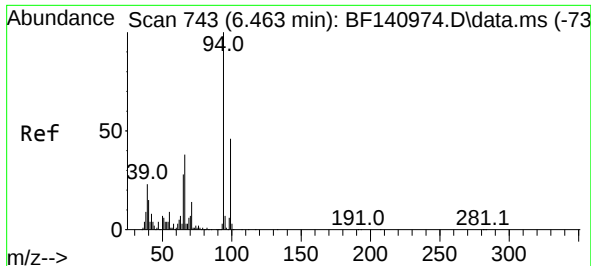
Tgt Ion:112 Resp: 1123688
Ion Ratio Lower Upper
112 100
64 59.2 47.7 71.5
63 29.7 24.2 36.2



#7
Phenol-d6
Concen: 44.698 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion: 99 Resp: 949835
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 32.4 26.2 39.2

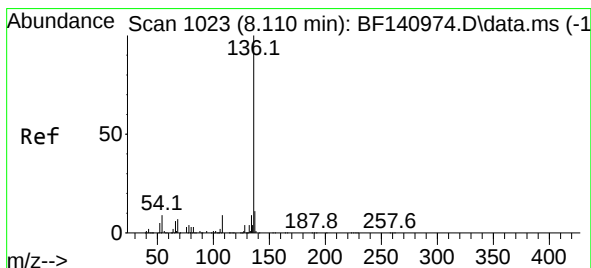
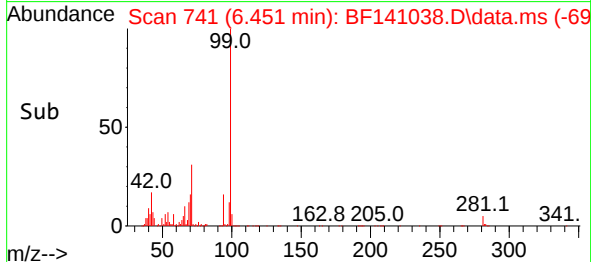
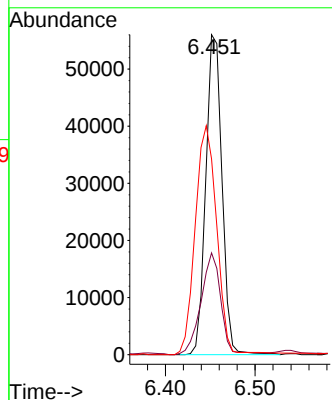
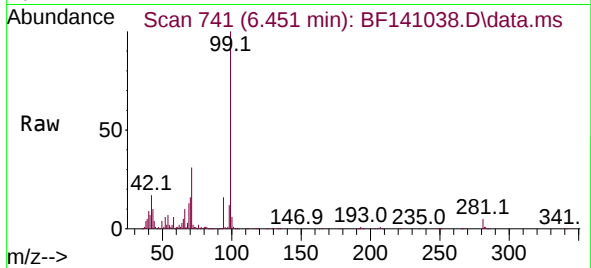




#10
Phenol
Concen: 3.199 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

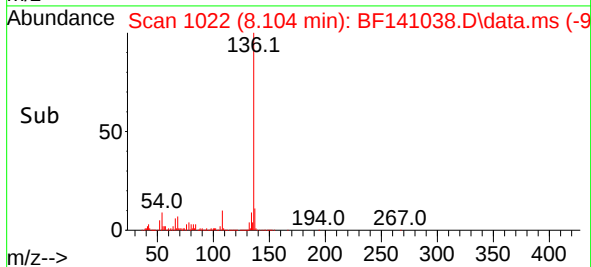
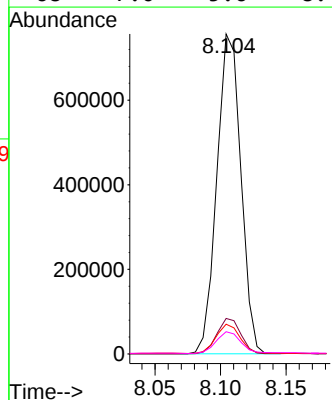
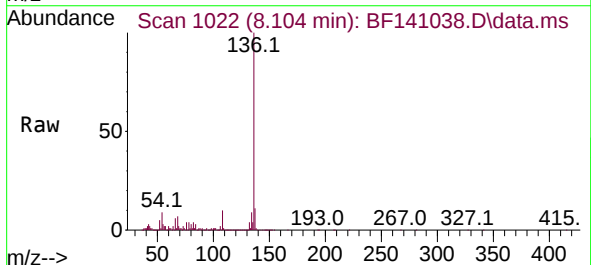
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

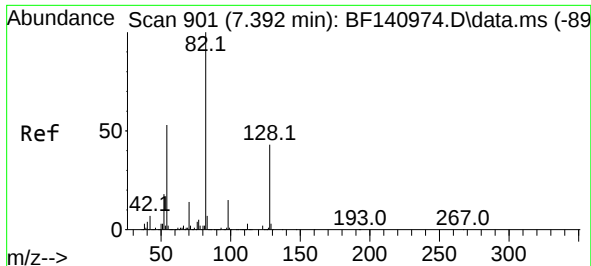
Tgt Ion: 94 Resp: 70293
Ion Ratio Lower Upper
94 100
65 31.8 8.1 48.1
66 61.2 18.7 58.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:136 Resp: 963386
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 100.758 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

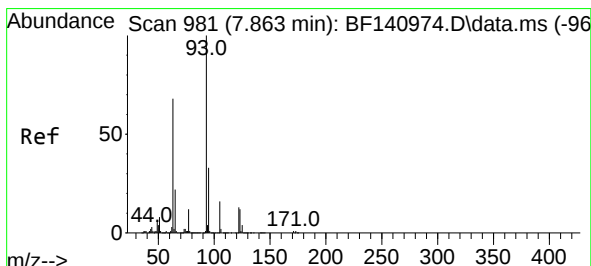
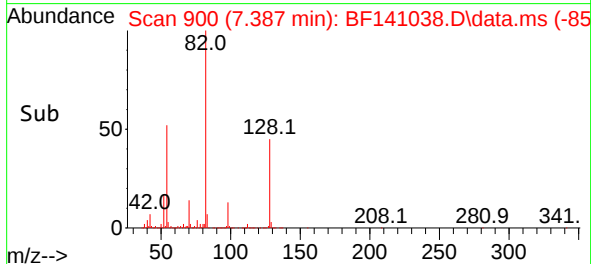
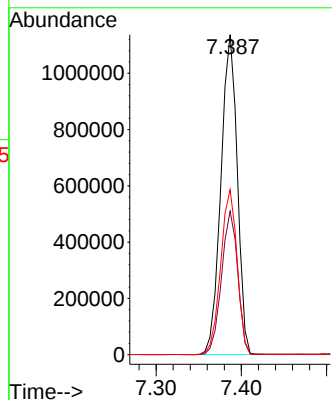
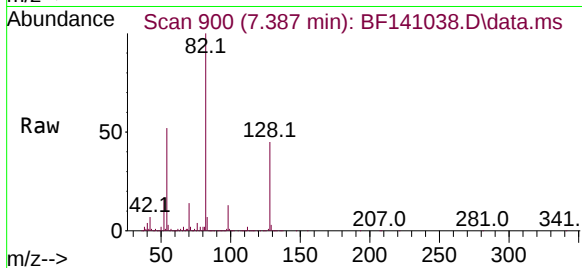
BNA_F

ClientSampleId :

MOO-24-00397

Tgt Ion: 82 Resp: 1517222

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.4	51.6
54	51.6	42.4	63.6



#32

Benzoic acid

Concen: 8.396 ng

RT: 7.810 min Scan# 972

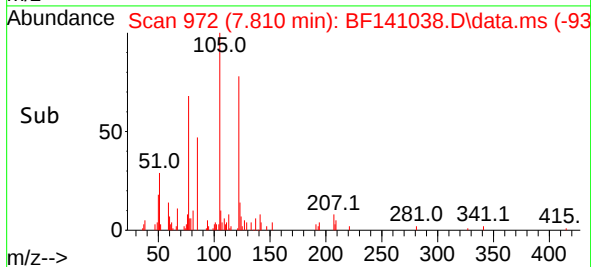
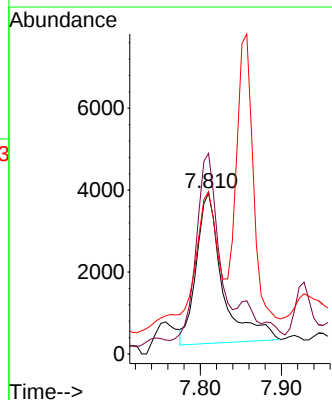
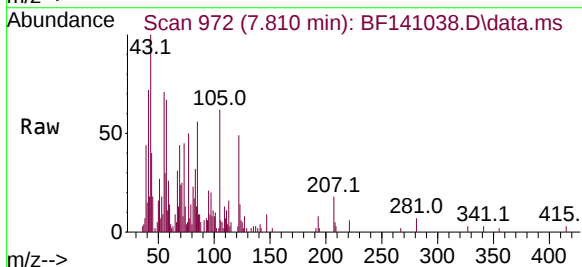
Delta R.T. -0.053 min

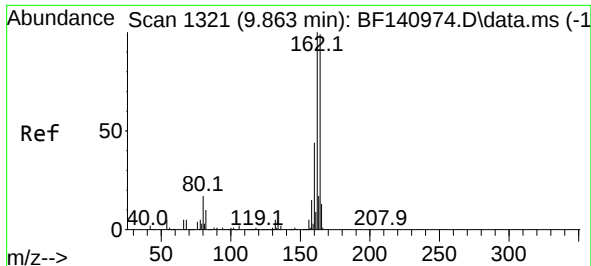
Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Tgt Ion:122 Resp: 8255

Ion	Ratio	Lower	Upper
122	100		
105	124.8	105.4	145.4
77	101.0	76.4	116.4

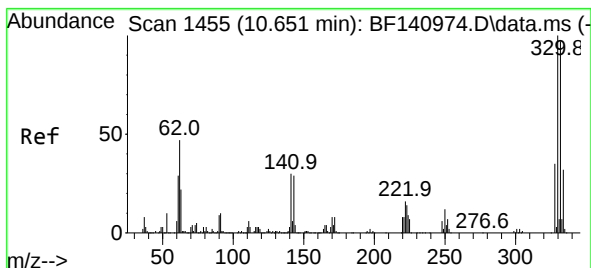
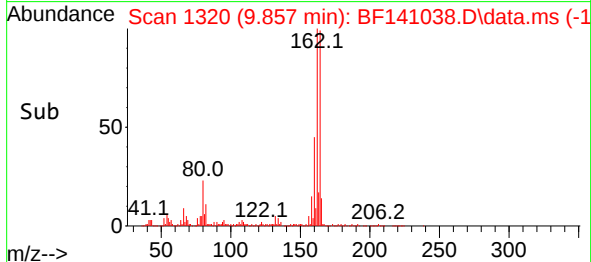
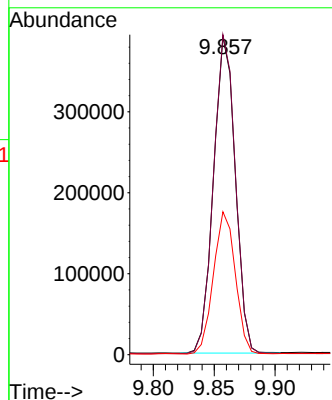
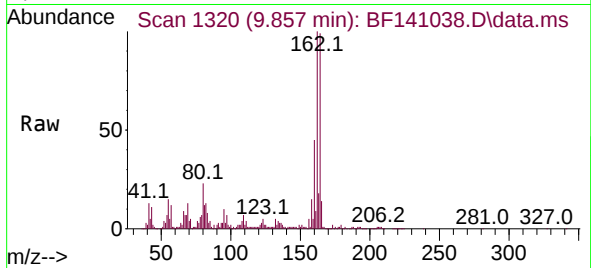




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

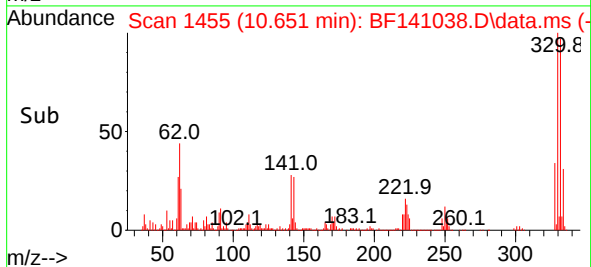
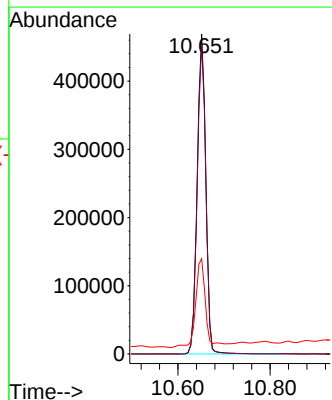
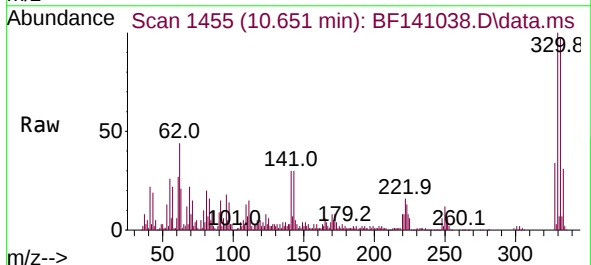
Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

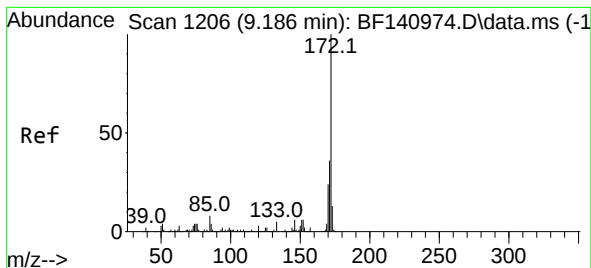
Tgt Ion:164 Resp: 487598
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 128.152 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Tgt Ion:330 Resp: 607187
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 30.5 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 84.409 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

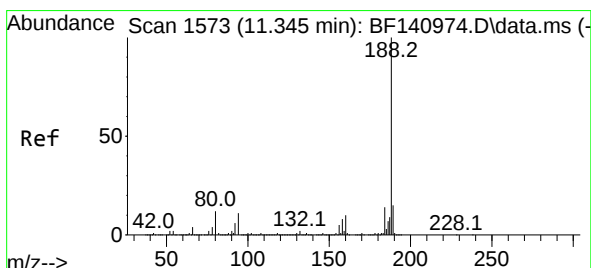
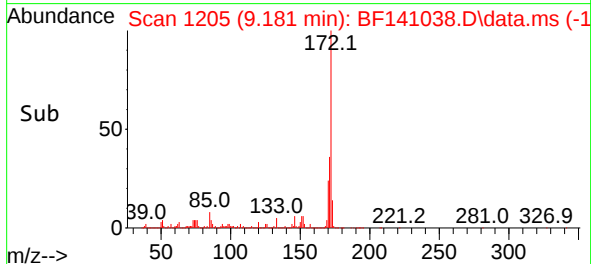
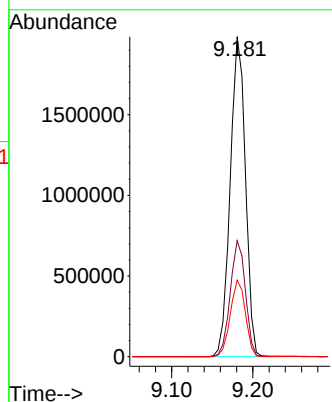
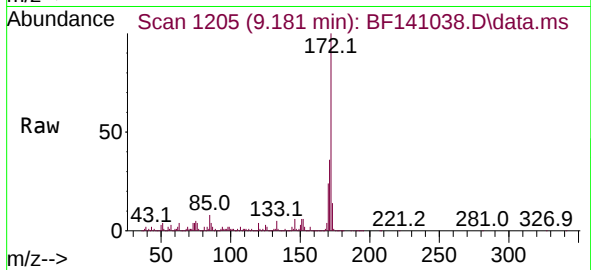
Tgt Ion:172 Resp: 2583264

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 23.9 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

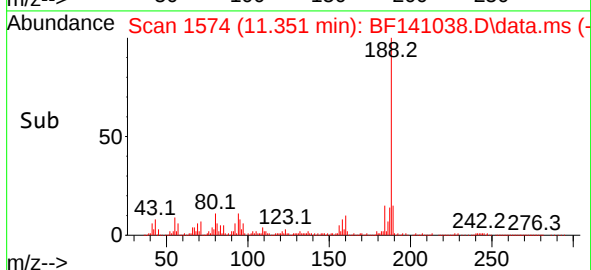
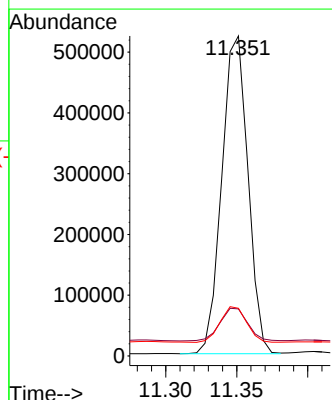
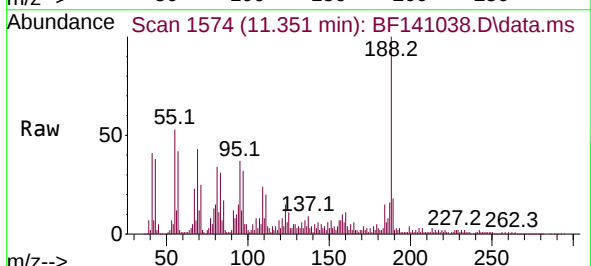
Tgt Ion:188 Resp: 669848

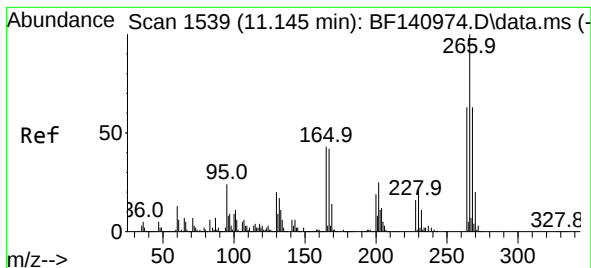
Ion Ratio Lower Upper

188 100

94 14.7 9.0 13.6#

80 14.9 9.8 14.6#





#70

Pentachlorophenol

Concen: 3.026 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

MOO-24-00397

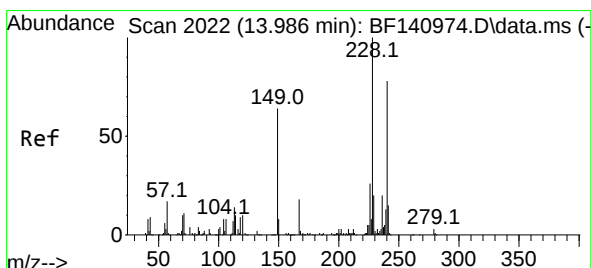
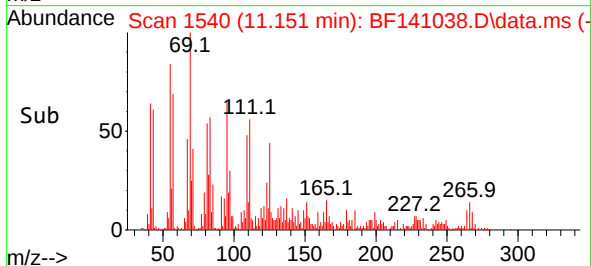
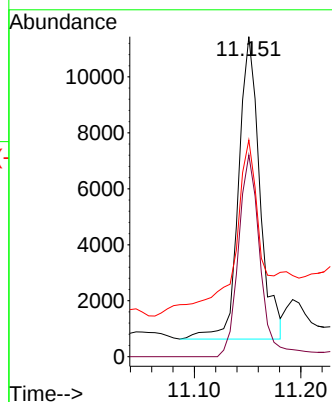
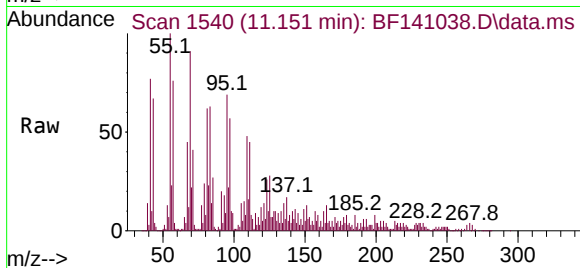
Tgt Ion:266 Resp: 15042

Ion Ratio Lower Upper

266 100

268 63.0 50.5 75.7

264 67.7 50.2 75.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141038.D

Acq: 30 Dec 2024 18:32

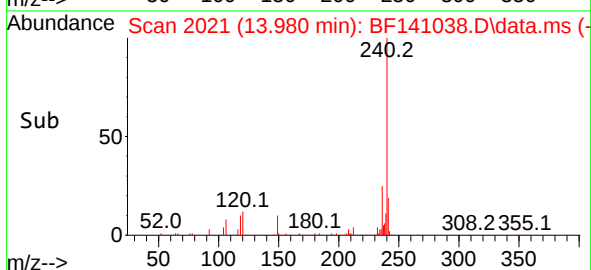
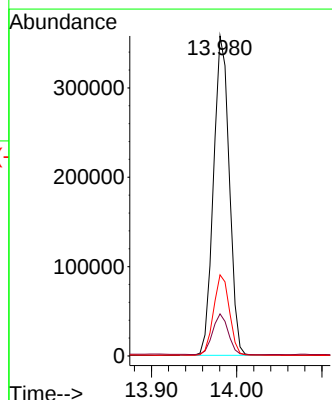
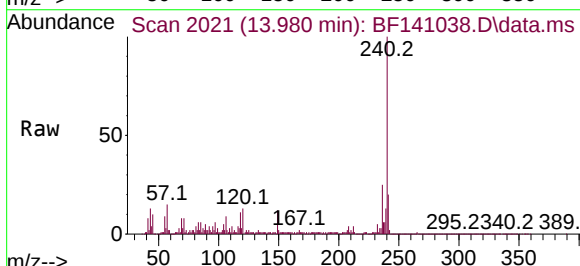
Tgt Ion:240 Resp: 458962

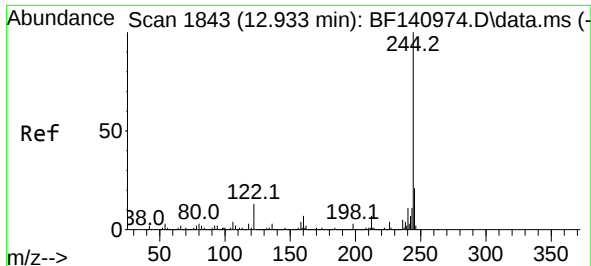
Ion Ratio Lower Upper

240 100

120 13.2 10.7 16.1

236 25.4 20.6 31.0

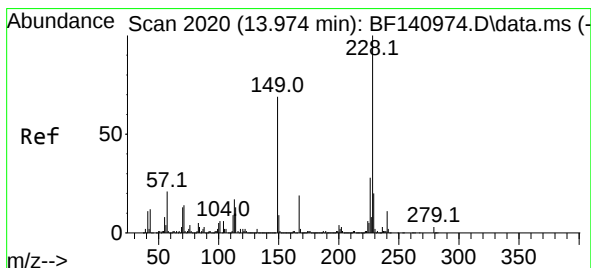
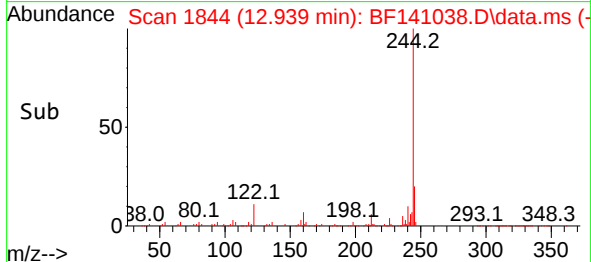
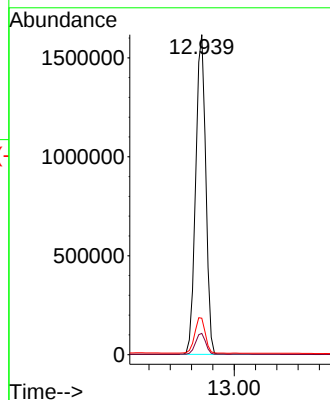
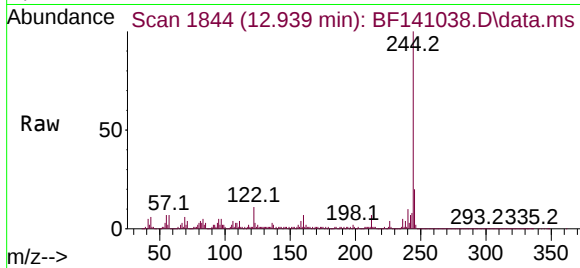




#79
 Terphenyl-d14
 Concen: 76.863 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

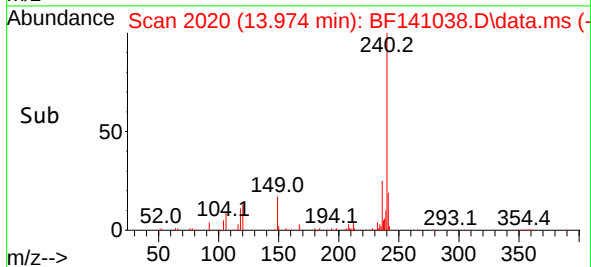
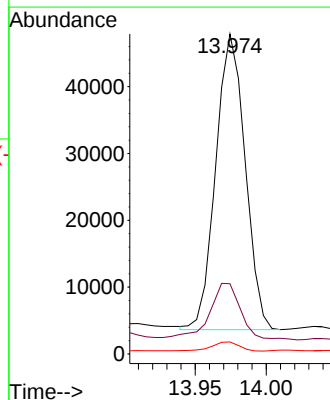
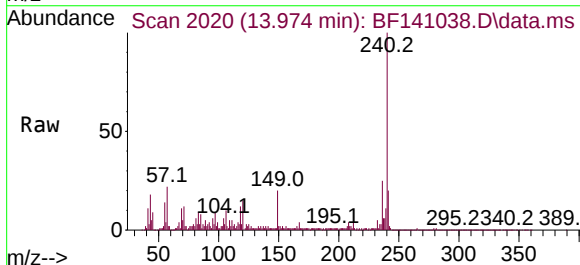
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00397

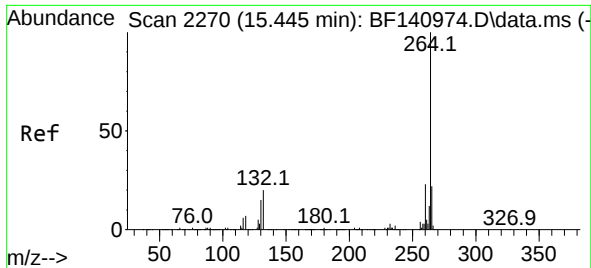
Tgt Ion:244 Resp: 2123856
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 11.4 10.2 15.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.345 ng
 RT: 13.974 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: BF141038.D
 Acq: 30 Dec 2024 18:32

Tgt Ion:149 Resp: 63598
 Ion Ratio Lower Upper
 149 100
 167 21.9 21.6 32.4
 279 3.7 3.2 4.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141038.D
Acq: 30 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
MOO-24-00397

Tgt Ion:264 Resp: 507277

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	17.4	26.2

