

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134976.D
 Acq On : 28 Aug 2023 19:14
 Operator : CG\JU
 Sample : 04161-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25659

Quant Time: Aug 29 03:51:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

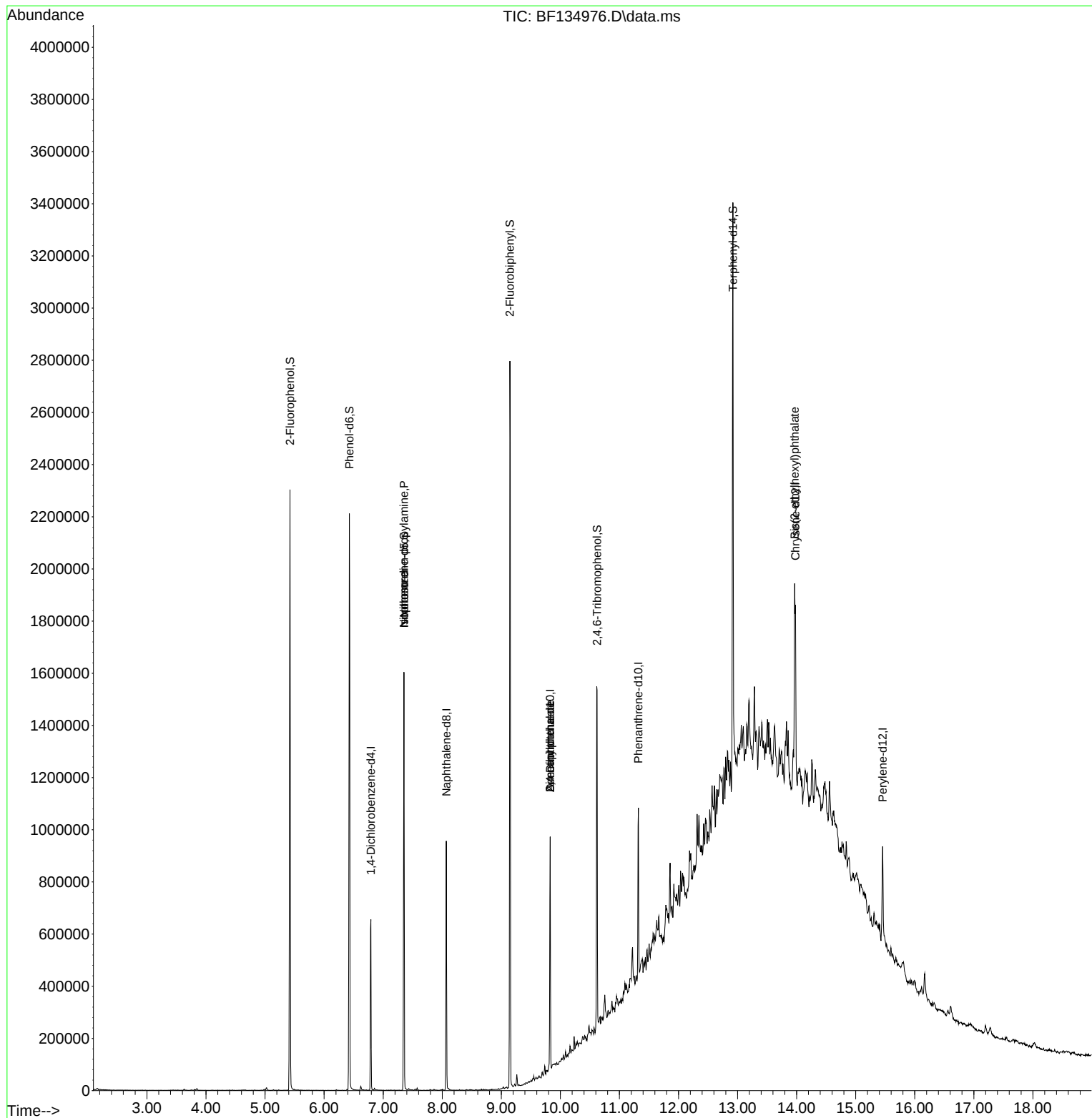
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	95914	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	368133	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	163033	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	243525	20.000	ng	0.00
76) Chrysene-d12	13.980	240	197365	20.000	ng	0.00
86) Perylene-d12	15.457	264	174391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	595650	99.032	ng	0.00
7) Phenol-d6	6.428	99	769886	100.171	ng	-0.01
23) Nitrobenzene-d5	7.351	82	454762	68.071	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	172493	89.834	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	857885	81.345	ng	-0.01
79) Terphenyl-d14	12.921	244	737331	51.383	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	60923	13.572	ng	Qvalue # 78
25) Isophorone	7.351	82	451375	36.183	ng	# 64
50) Dimethylphthalate	9.828	163	33732	2.907	ng	# 1
57) 2,4-Dinitrotoluene	9.828	165	22320	7.051	ng	# 25
84) Bis(2-ethylhexyl)phtha...	13.968	149	189331	27.414	ng	98

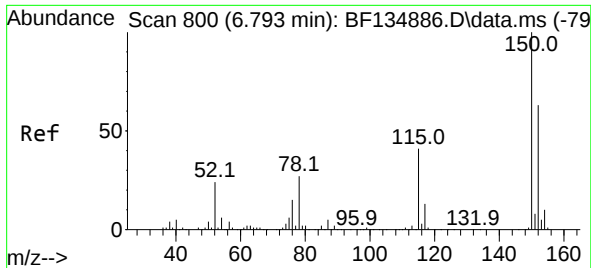
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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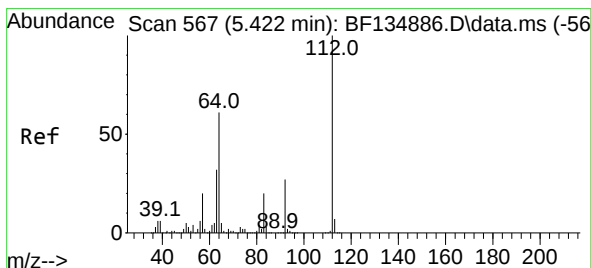
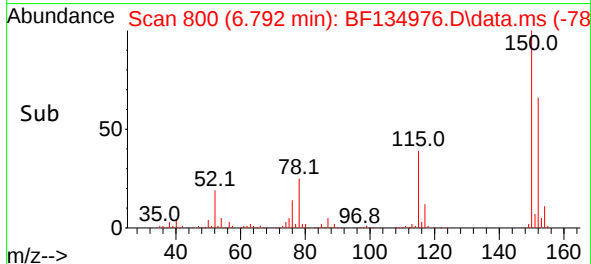
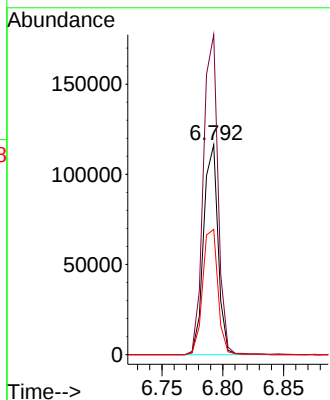
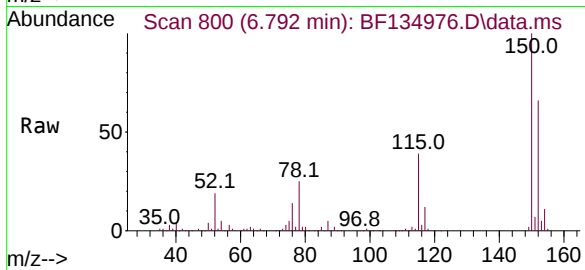




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

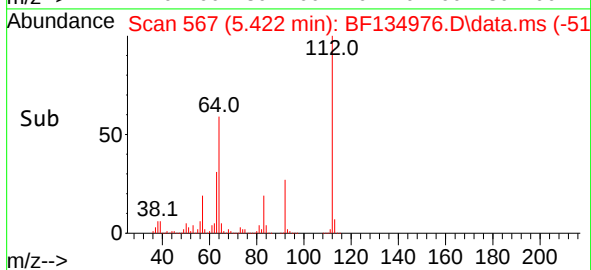
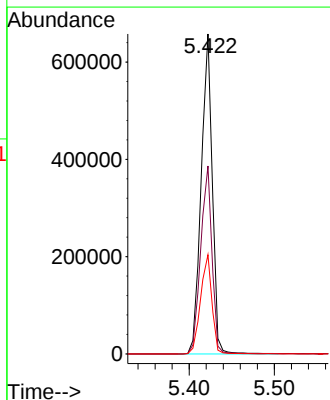
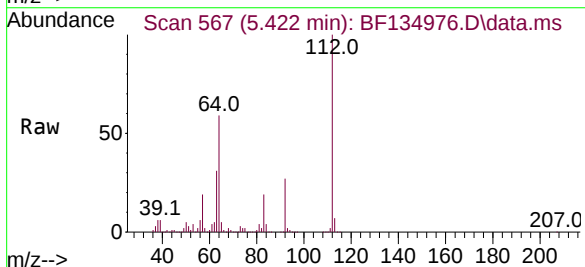
Instrument :
BNA_F
ClientSampleId :
CHRT-25659

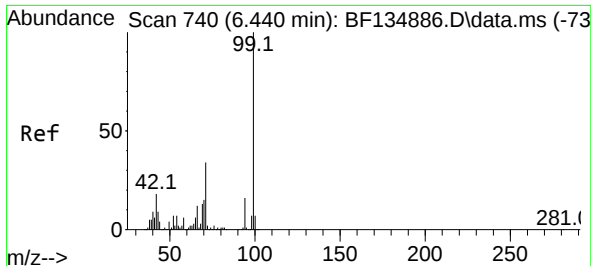
Tgt Ion:152 Resp: 95914
Ion Ratio Lower Upper
152 100
150 152.5 126.1 189.1
115 59.7 51.1 76.7



#5
2-Fluorophenol
Concen: 99.032 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

Tgt Ion:112 Resp: 595650
Ion Ratio Lower Upper
112 100
64 58.7 48.6 73.0
63 31.0 25.7 38.5

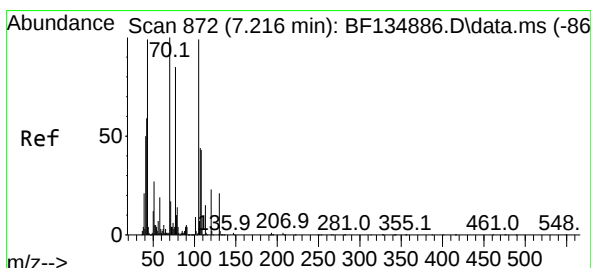
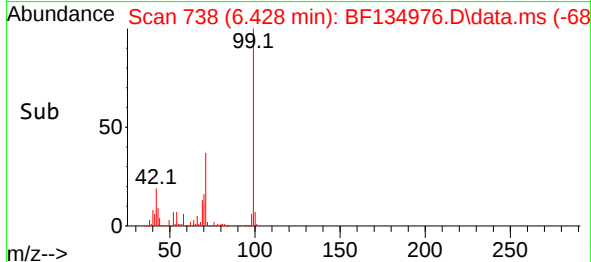
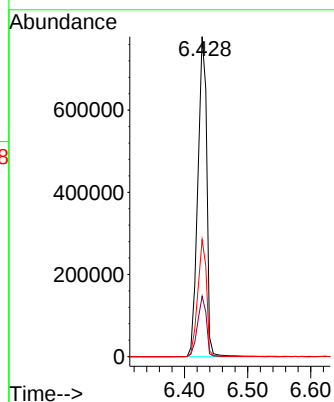
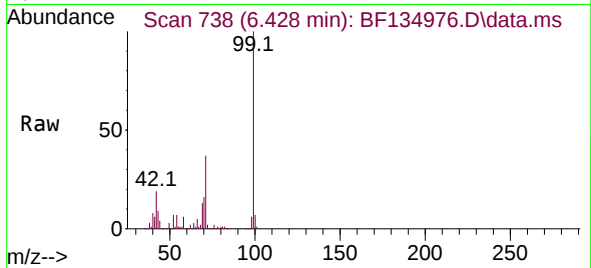




#7
Phenol-d6
Concen: 100.171 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

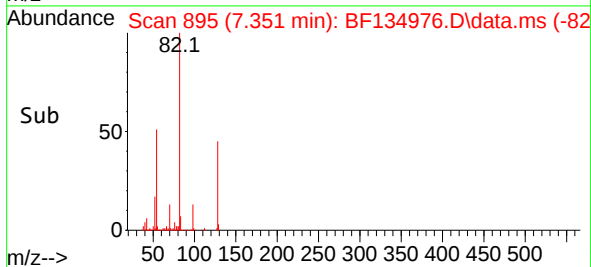
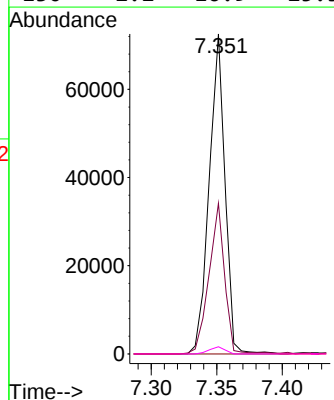
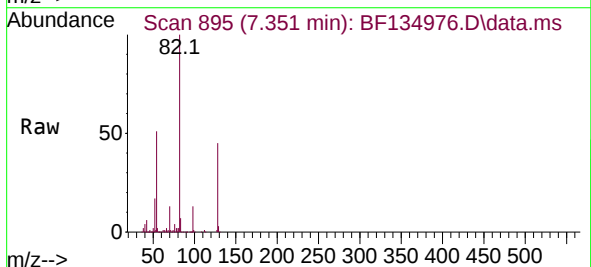
Instrument :
BNA_F
ClientSampleId :
CHRT-25659

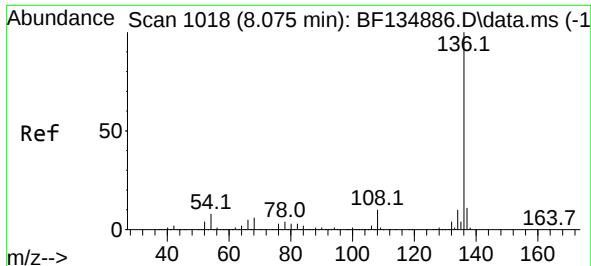
Tgt Ion: 99 Resp: 769886
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 36.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.572 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

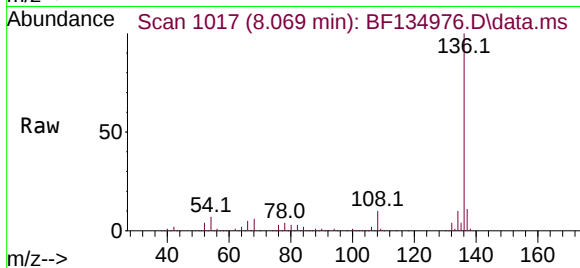
Tgt Ion: 70 Resp: 60923
Ion Ratio Lower Upper
70 100
42 47.1 46.9 70.3
101 0.0 7.5 11.3#
130 2.2 16.9 25.3#



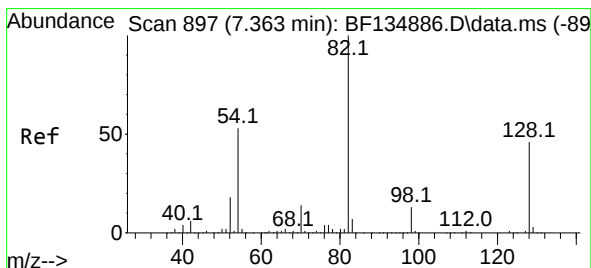
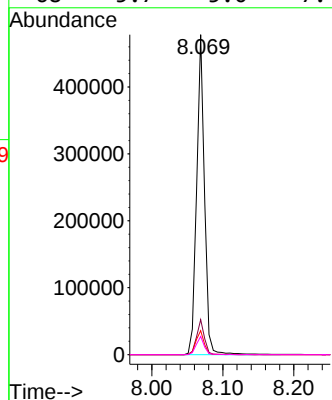
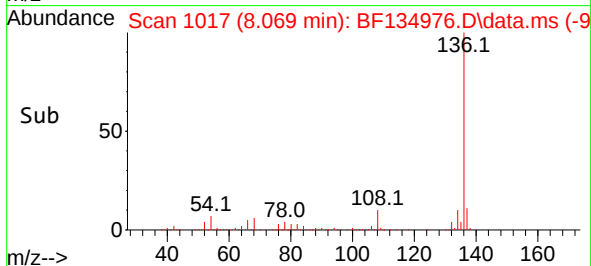


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

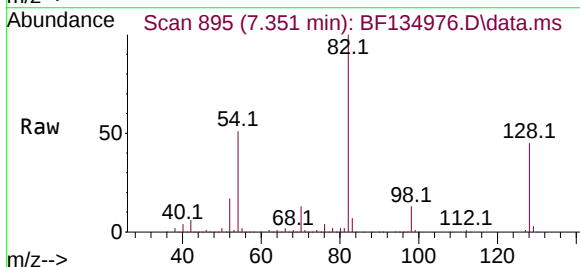
Instrument :
BNA_F
ClientSampleId :
CHRT-25659



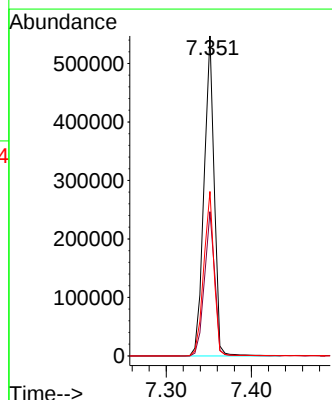
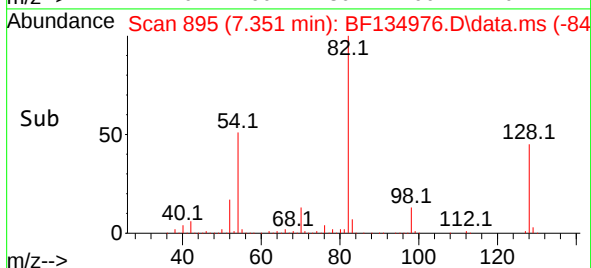
Tgt Ion:136 Resp: 368133
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 6.6 9.8
68 5.7 5.0 7.4

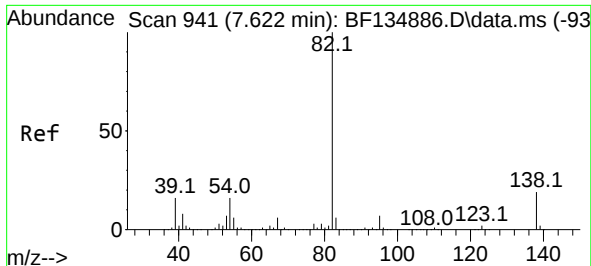


#23
Nitrobenzene-d5
Concen: 68.071 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14



Tgt Ion: 82 Resp: 454762
Ion Ratio Lower Upper
82 100
128 45.1 36.6 54.8
54 51.4 42.6 63.8

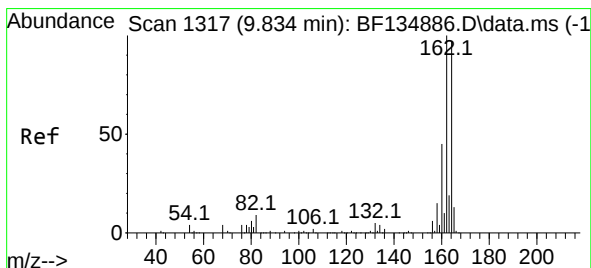
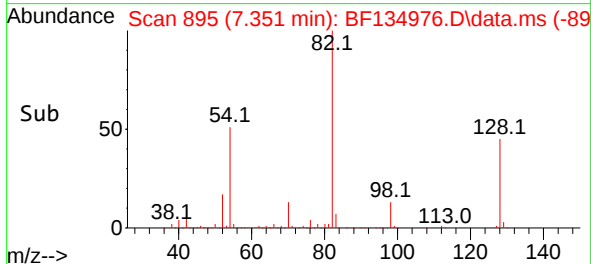
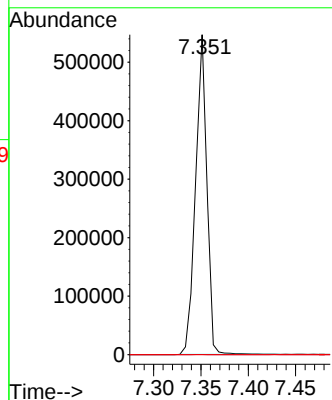
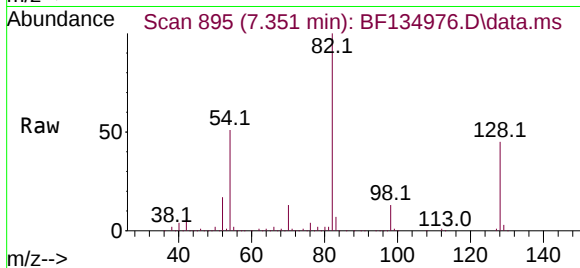




#25
Isophorone
Concen: 36.183 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

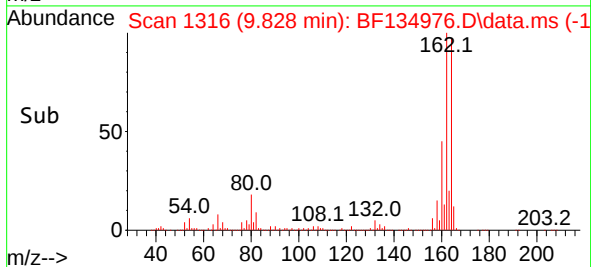
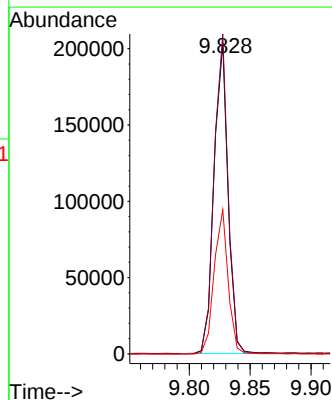
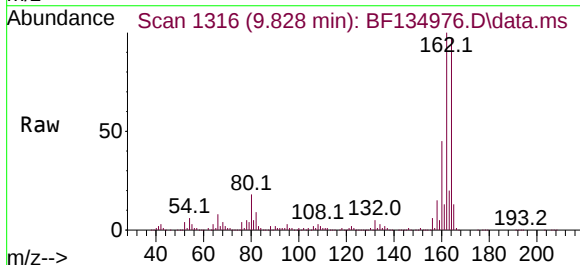
Instrument :
BNA_F
ClientSampleId :
CHRT-25659

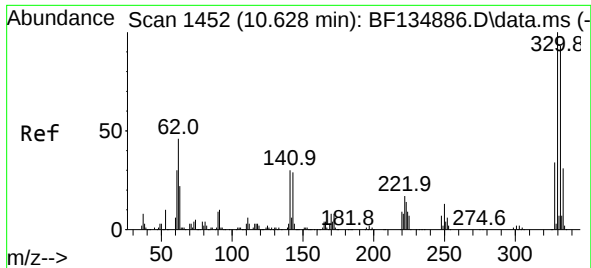
Tgt Ion: 82 Resp: 451375
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

Tgt Ion: 164 Resp: 163033
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 46.4 37.0 55.4

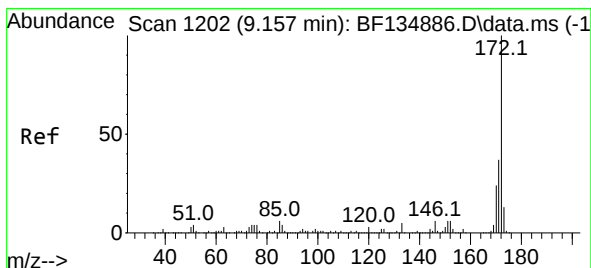
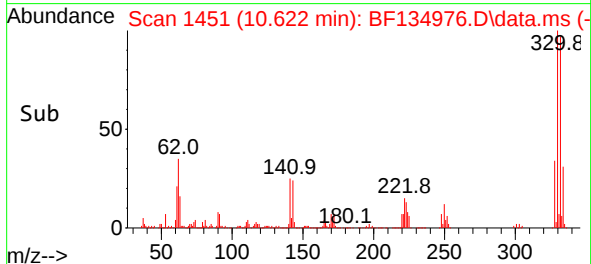
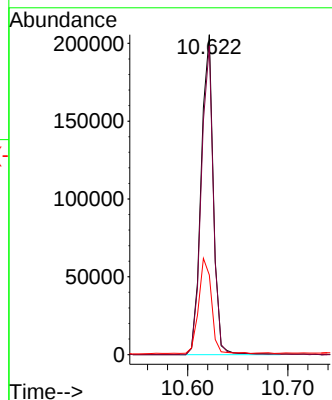
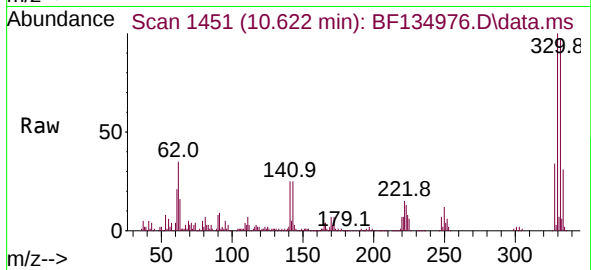




#42
2,4,6-Tribromophenol
Concen: 89.834 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

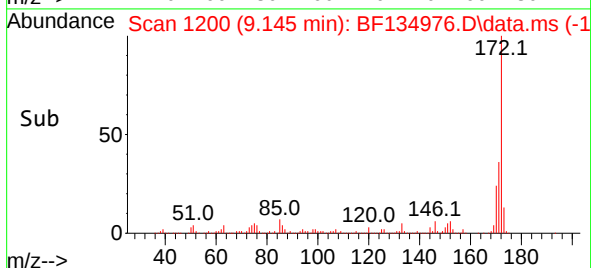
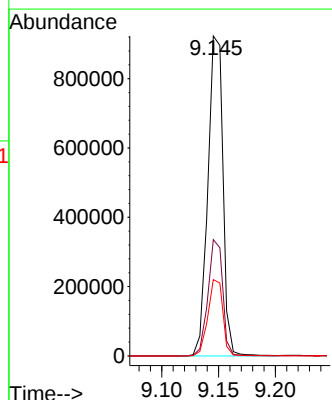
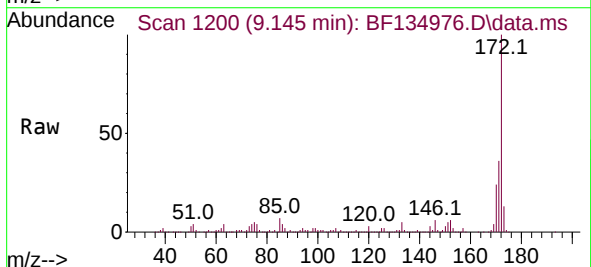
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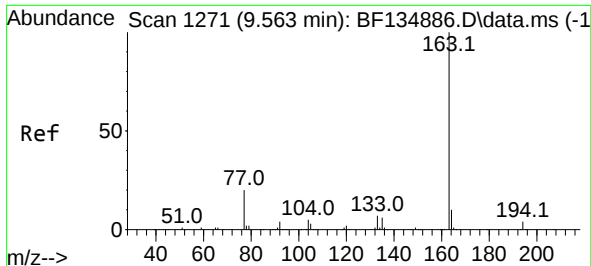
Tgt Ion: 330 Resp: 172493
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 32.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.345 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

Tgt Ion: 172 Resp: 857885
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.8 19.6 29.4

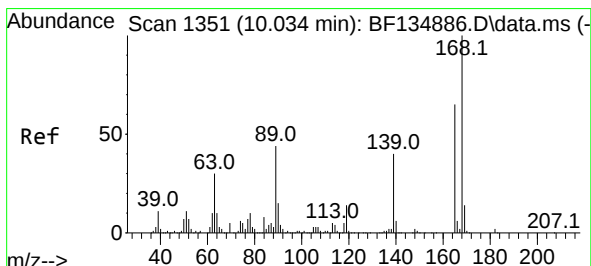
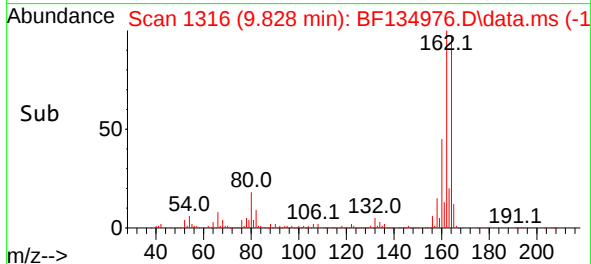
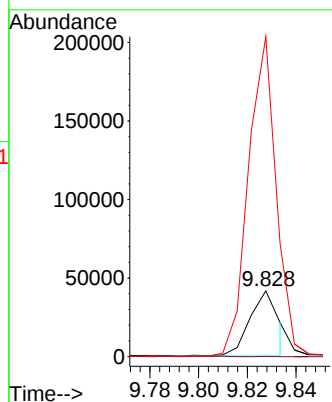
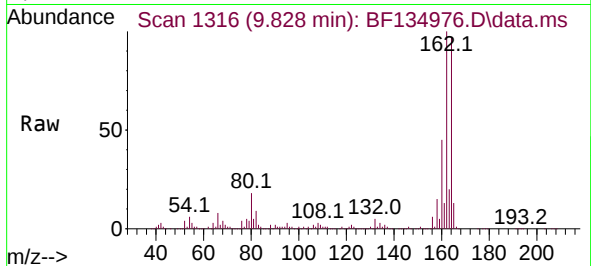




#50
Dimethylphthalate
Concen: 2.907 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

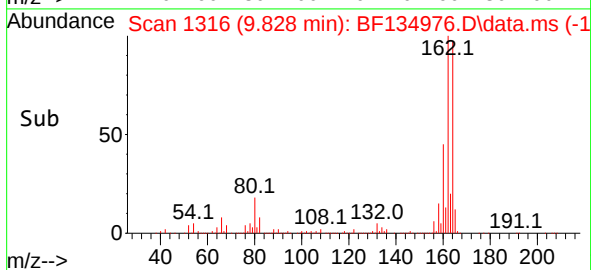
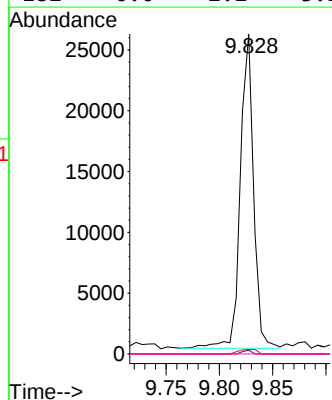
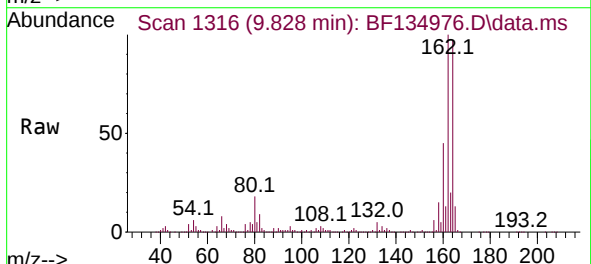
Instrument :
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CHRT-25659

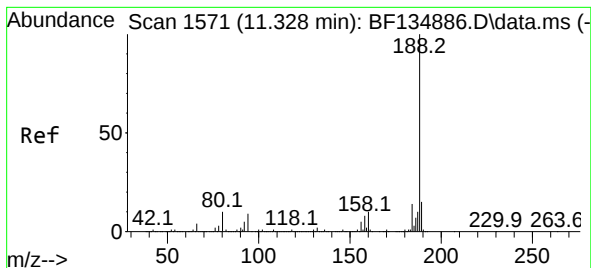
Tgt Ion:163 Resp: 33732
Ion Ratio Lower Upper
163 100
194 0.4 3.2 4.8#
164 487.2 8.2 12.4#



#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF134976.D
Acq: 28 Aug 2023 19:14

Tgt Ion:165 Resp: 22320
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134976.D

Acq: 28 Aug 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CHRT-25659

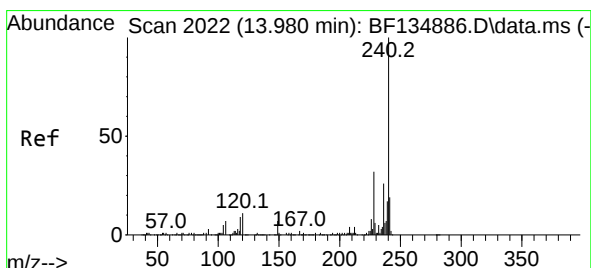
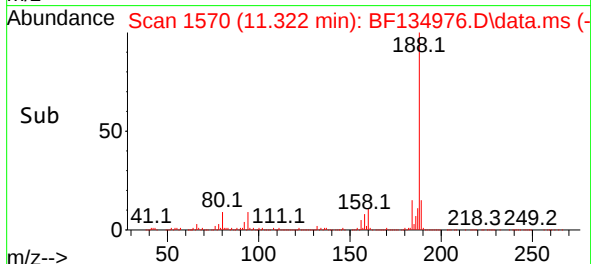
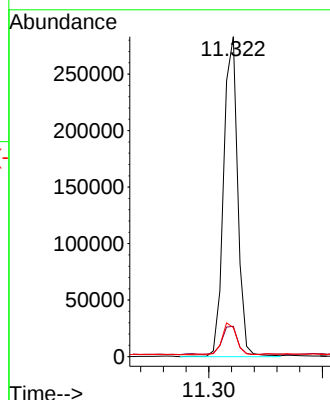
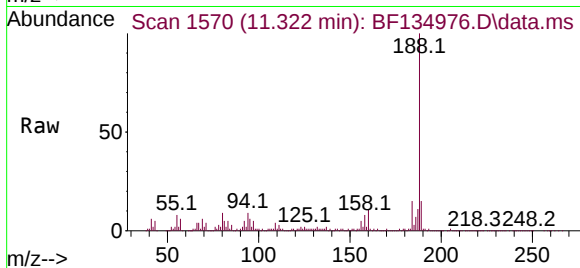
Tgt Ion:188 Resp: 243525

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.1 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF134976.D

Acq: 28 Aug 2023 19:14

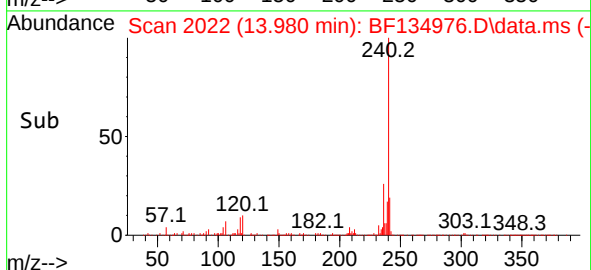
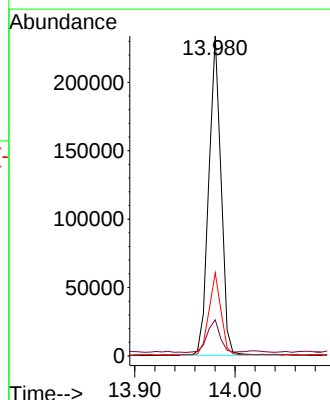
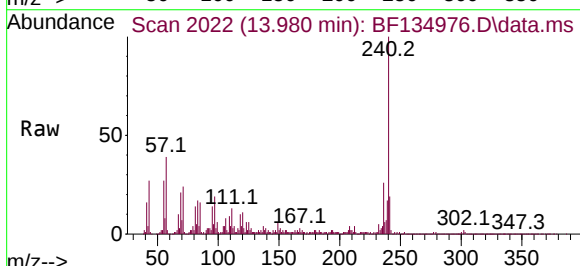
Tgt Ion:240 Resp: 197365

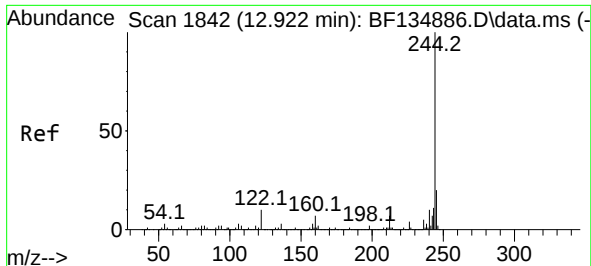
Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 26.0 20.6 31.0

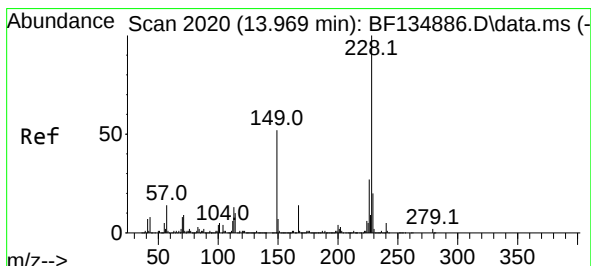
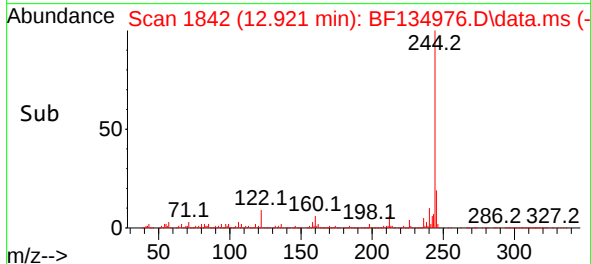
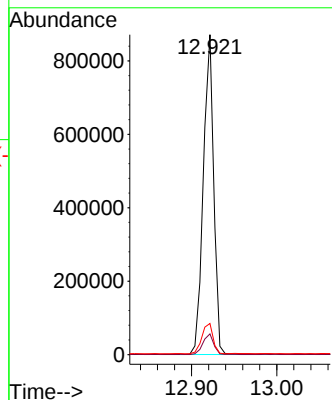
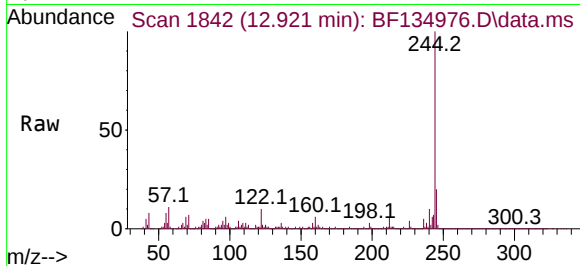




#79
 Terphenyl-d14
 Concen: 51.383 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.001 min
 Lab File: BF134976.D
 Acq: 28 Aug 2023 19:14

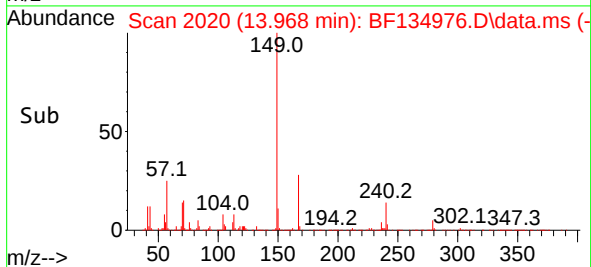
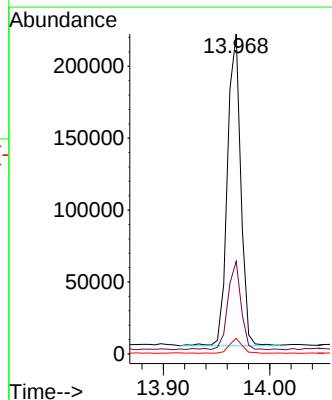
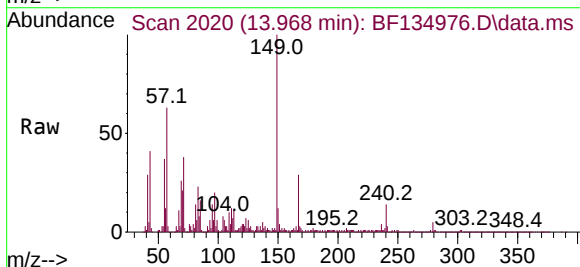
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25659

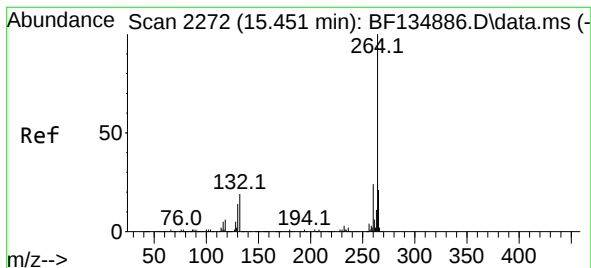
Tgt Ion:244 Resp: 737331
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.7 8.2 12.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.414 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: BF134976.D
 Acq: 28 Aug 2023 19:14

Tgt Ion:149 Resp: 189331
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.1 33.1
 279 4.9 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 22

Delta R.T. 0.006 min

Lab File: BF134976.D

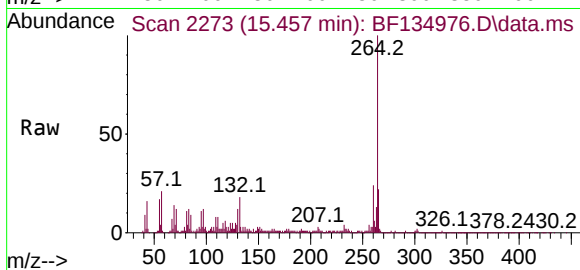
Acq: 28 Aug 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CHRT-25659



Tgt Ion:264 Resp: 174391

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.1 17.1 25.7

