

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134485.D
 Acq On : 26 Jul 2023 16:51
 Operator : CG\JU
 Sample : 03745-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-71859

Quant Time: Jul 26 17:17:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

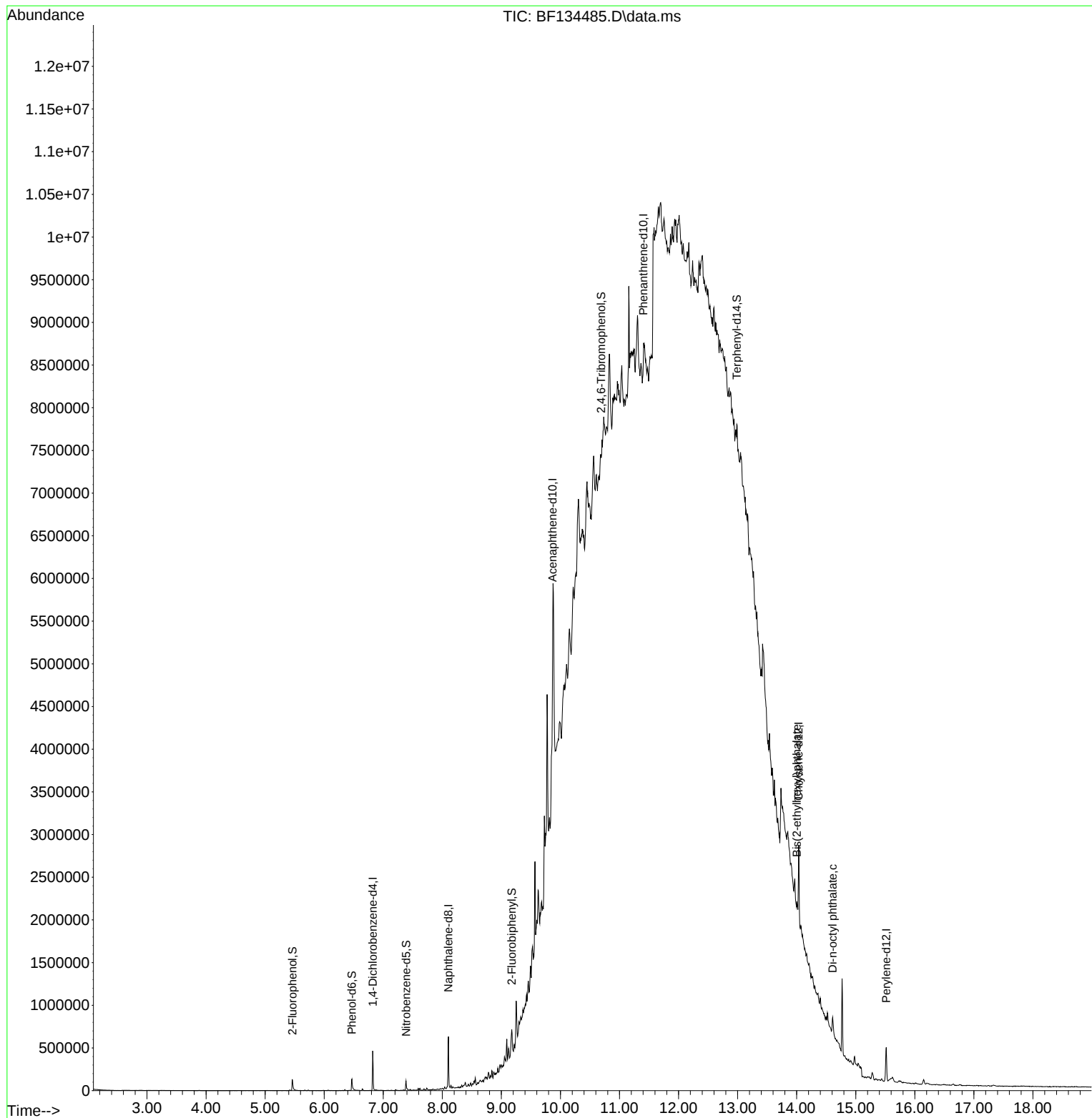
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	62904	20.000	ng	-0.01
21) Naphthalene-d8	8.104	136	250499	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	111412	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	141985	20.000	ng	# 0.04
76) Chrysene-d12	14.033	240	290698	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	188923	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	46019	12.087	ng	0.00
7) Phenol-d6	6.469	99	53611	11.493	ng	-0.01
23) Nitrobenzene-d5	7.386	82	38319	7.739	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	16252	10.267	ng	0.02
45) 2-Fluorobiphenyl	9.175	172	76946	9.067	ng	-0.02
79) Terphenyl-d14	12.986	244	98436	5.911	ng	0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.004	149	56587	5.031	ng	# 77
85) Di-n-octyl phthalate	14.610	149	126709	8.106	ng	# 84

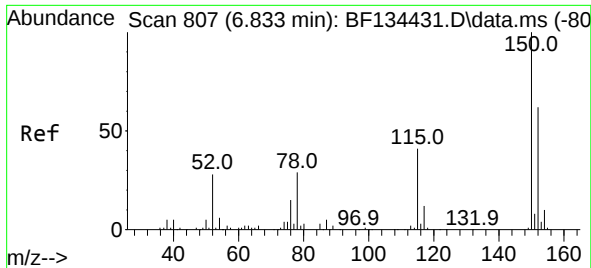
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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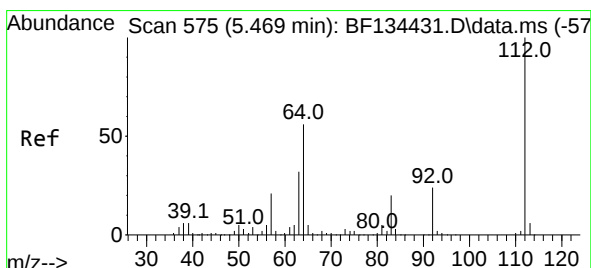
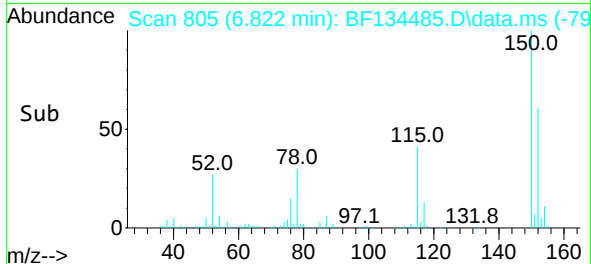
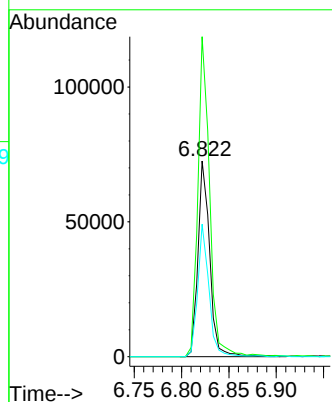
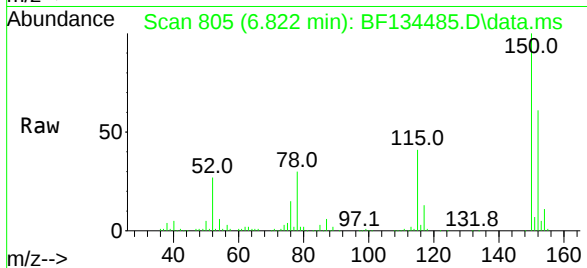




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

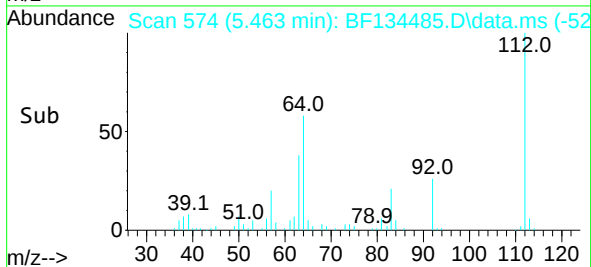
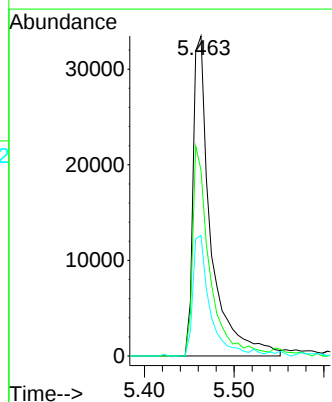
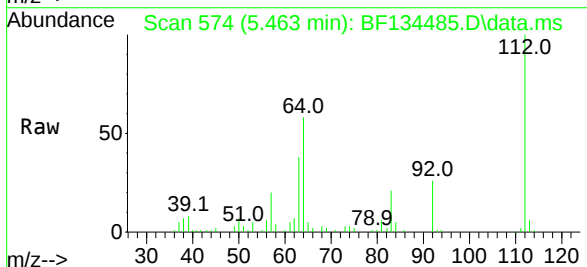
Instrument :
BNA_F
ClientSampleId :
CO-71859

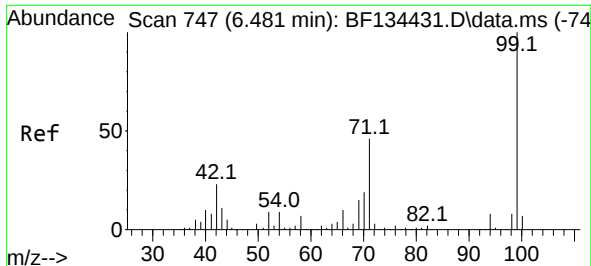
Tgt Ion:152 Resp: 62904
Ion Ratio Lower Upper
152 100
150 163.5 128.3 192.5
115 67.7 52.4 78.6



#5
2-Fluorophenol
Concen: 12.087 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

Tgt Ion:112 Resp: 46019
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 37.7 25.4 38.0

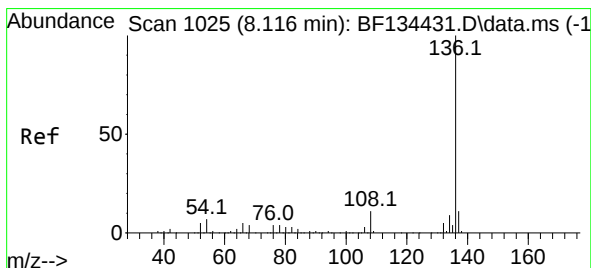
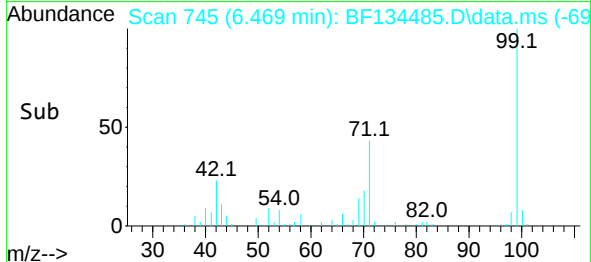
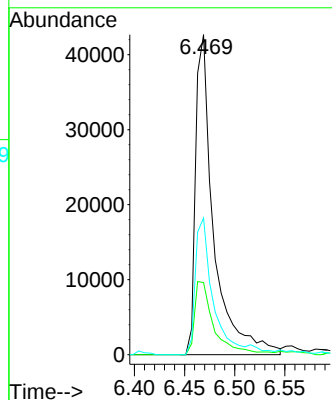
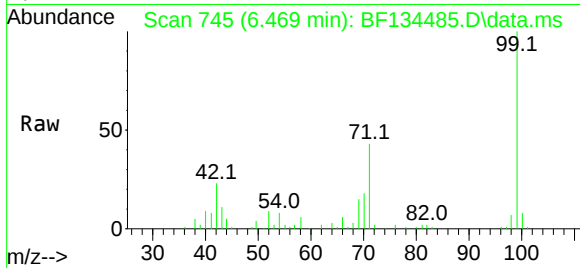




#7
Phenol-d6
Concen: 11.493 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

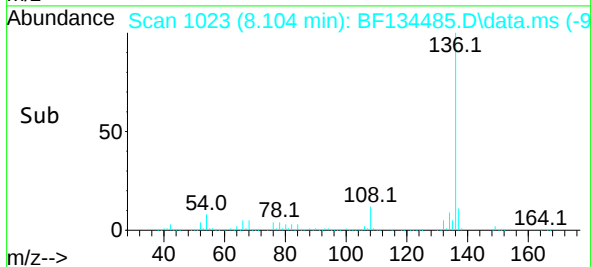
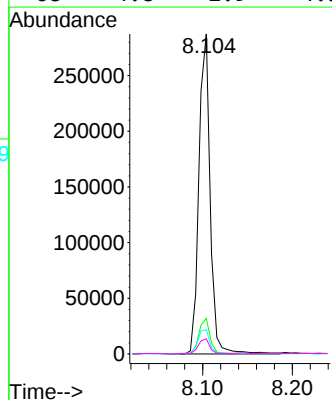
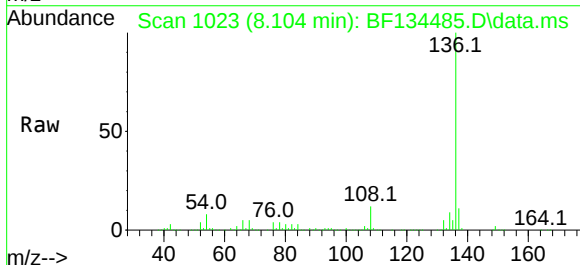
Instrument :
BNA_F
ClientSampleId :
CO-71859

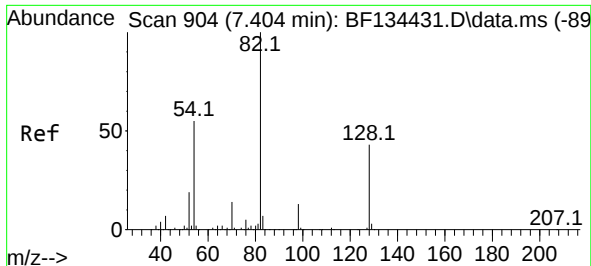
Tgt Ion: 99 Resp: 53611
Ion Ratio Lower Upper
99 100
42 22.5 18.7 28.1
71 42.7 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

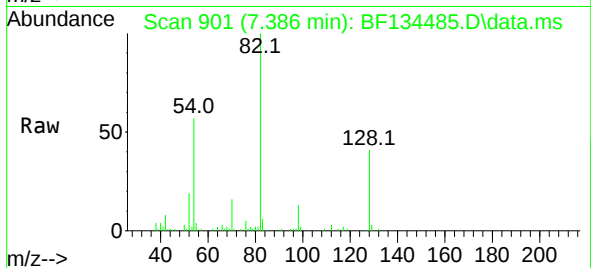
Tgt Ion: 136 Resp: 250499
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.6 5.2 7.8
68 4.8 2.9 4.3



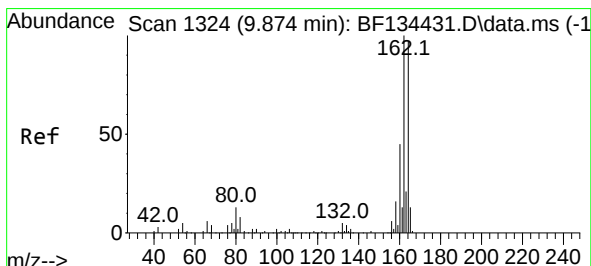
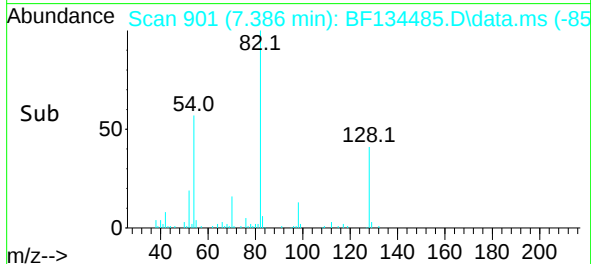
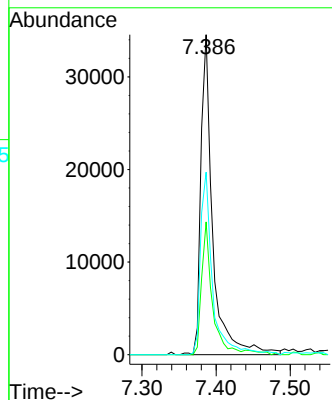


#23
Nitrobenzene-d5
Concen: 7.739 ng
RT: 7.386 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

Instrument :
BNA_F
ClientSampleId :
CO-71859

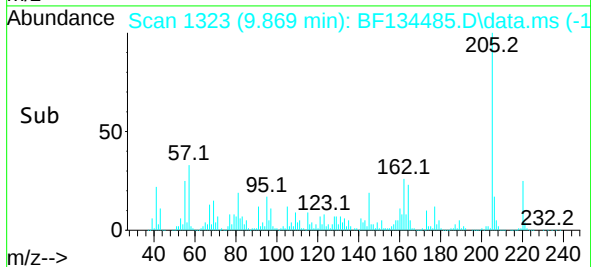
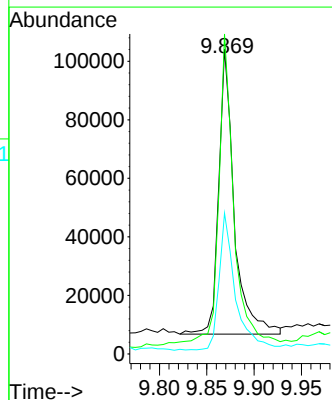
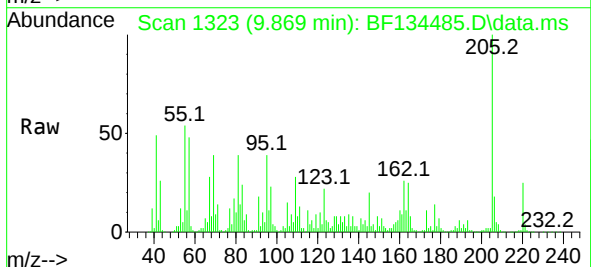


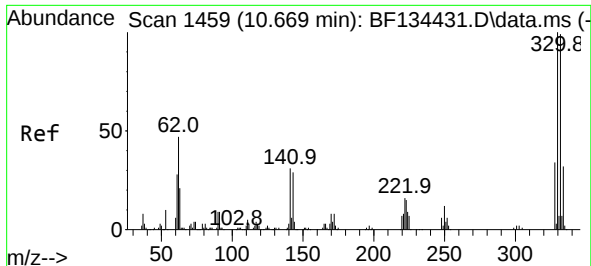
Tgt Ion: 82 Resp: 38319
Ion Ratio Lower Upper
82 100
128 41.5 34.3 51.5
54 57.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134485.D
Acq: 26 Jul 2023 16:51

Tgt Ion: 164 Resp: 111412
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 46.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 10.267 ng

RT: 10.692 min Scan# 1459

Delta R.T. 0.024 min

Lab File: BF134485.D

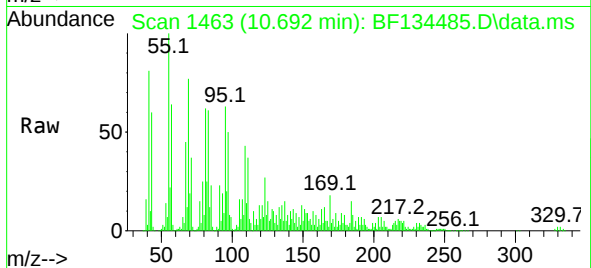
Acq: 26 Jul 2023 16:51

Instrument :

BNA_F

ClientSampleId :

CO-71859



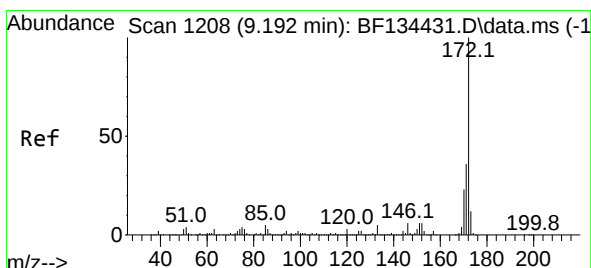
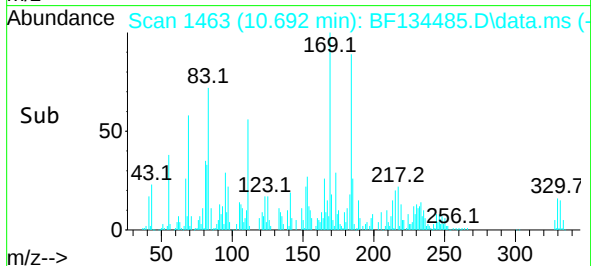
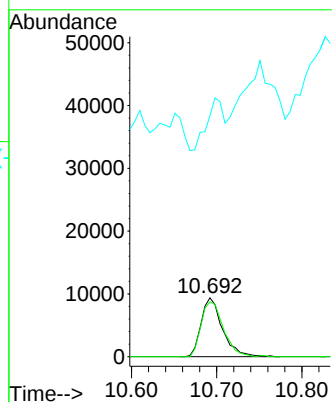
Tgt Ion:330 Resp: 16252

Ion Ratio Lower Upper

330 100

332 97.3 78.8 118.2

141 67.5 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 9.067 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.018 min

Lab File: BF134485.D

Acq: 26 Jul 2023 16:51

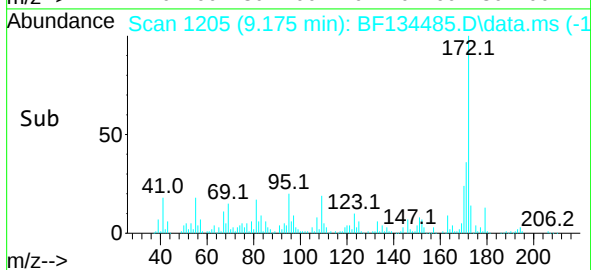
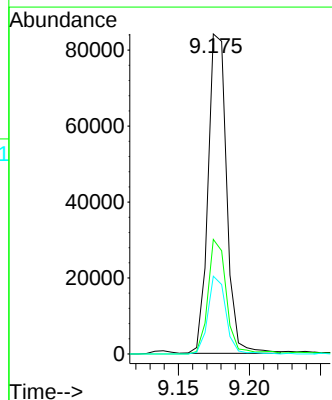
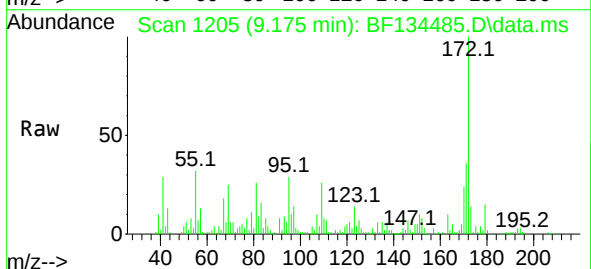
Tgt Ion:172 Resp: 76946

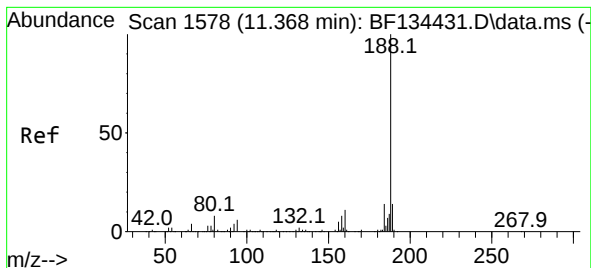
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF134485.D

Acq: 26 Jul 2023 16:51

Instrument :

BNA_F

ClientSampleId :

CO-71859

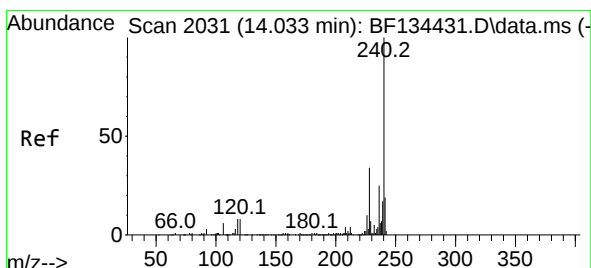
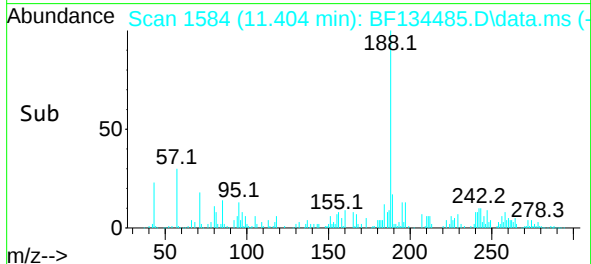
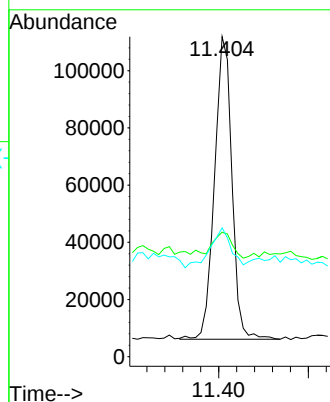
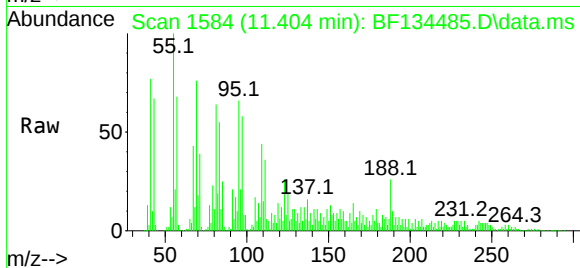
Tgt Ion:188 Resp: 141985

Ion Ratio Lower Upper

188 100

94 38.9 5.1 7.7#

80 40.3 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134485.D

Acq: 26 Jul 2023 16:51

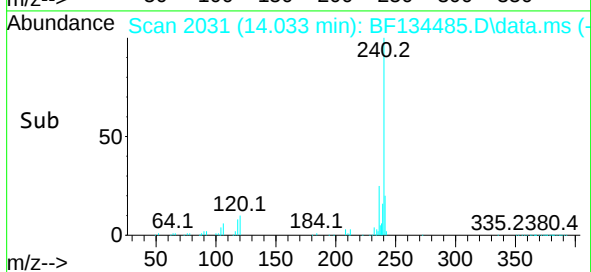
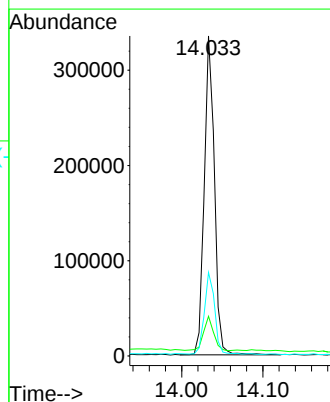
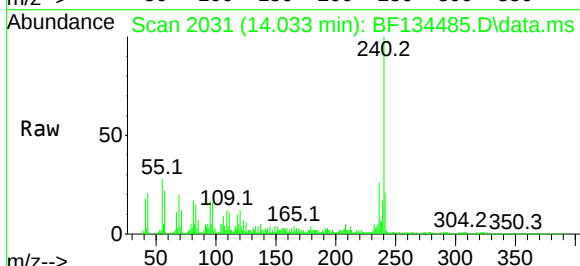
Tgt Ion:240 Resp: 290698

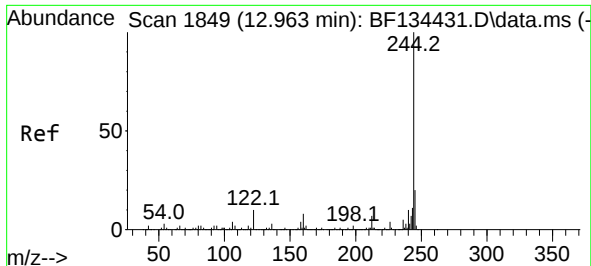
Ion Ratio Lower Upper

240 100

120 12.4 6.6 10.0#

236 26.1 20.2 30.2

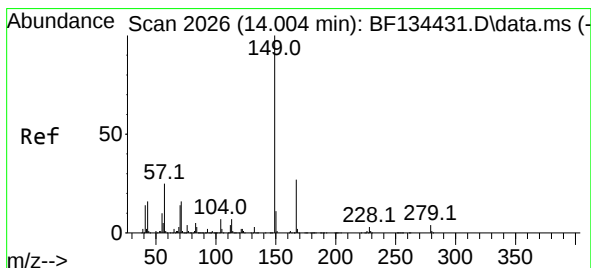
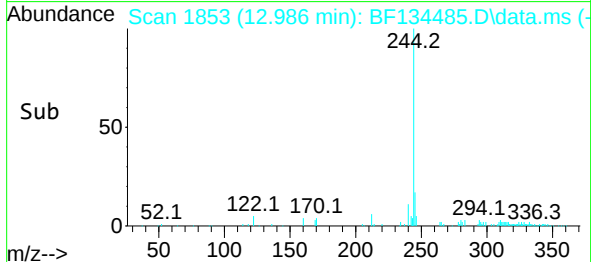
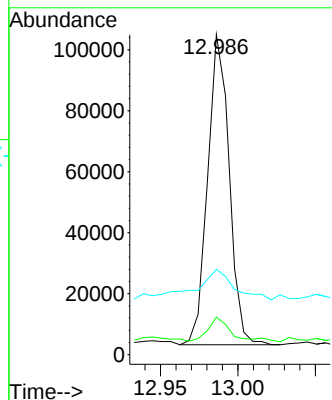
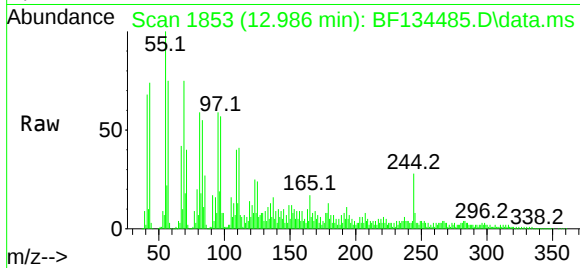




#79
 Terphenyl-d14
 Concen: 5.911 ng
 RT: 12.986 min Scan# 1849
 Delta R.T. 0.024 min
 Lab File: BF134485.D
 Acq: 26 Jul 2023 16:51

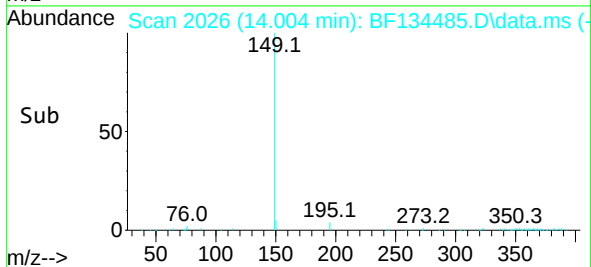
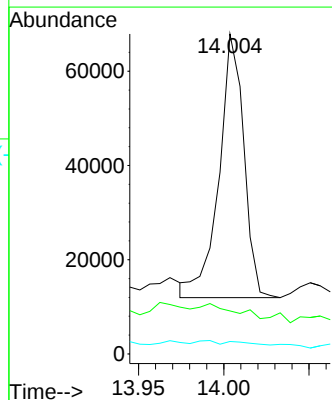
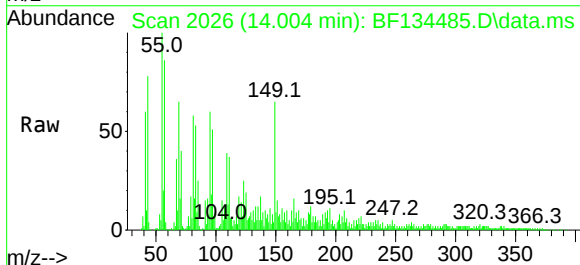
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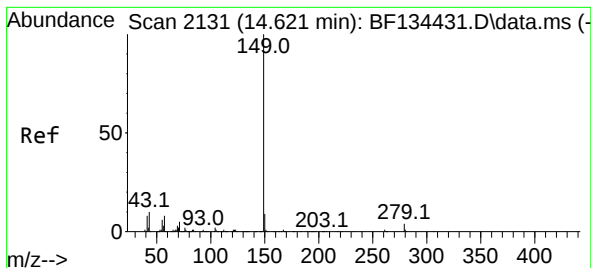
Tgt Ion:244 Resp: 98436
 Ion Ratio Lower Upper
 244 100
 212 11.8 5.6 8.4#
 122 26.7 8.0 12.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.031 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: BF134485.D
 Acq: 26 Jul 2023 16:51

Tgt Ion:149 Resp: 56587
 Ion Ratio Lower Upper
 149 100
 167 13.4 21.6 32.4#
 279 3.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 8.106 ng

RT: 14.610 min Scan# 2131

Delta R.T. -0.012 min

Lab File: BF134485.D

Acq: 26 Jul 2023 16:51

Instrument :

BNA_F

ClientSampleId :

CO-71859

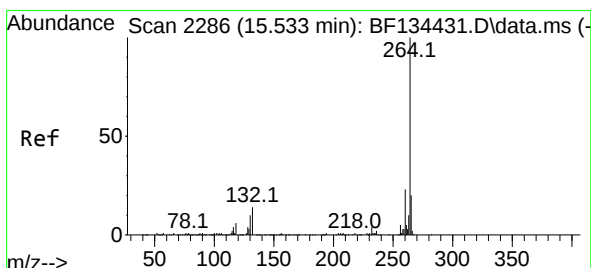
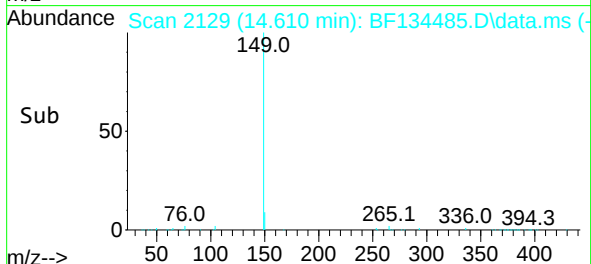
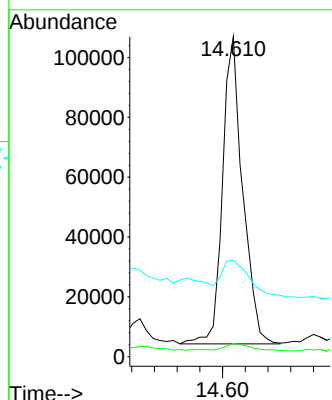
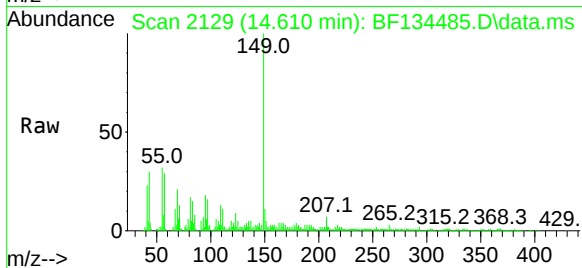
Tgt Ion:149 Resp: 126709

Ion Ratio Lower Upper

149 100

167 3.3 1.2 1.8#

43 16.8 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.018 min

Lab File: BF134485.D

Acq: 26 Jul 2023 16:51

Tgt Ion:264 Resp: 188923

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 20.5 15.8 23.8

