

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131719.D
 Acq On : 20 Dec 2022 18:30
 Operator : CG\JU
 Sample : N6071-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP4-COMP-04

Quant Time: Dec 21 04:46:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

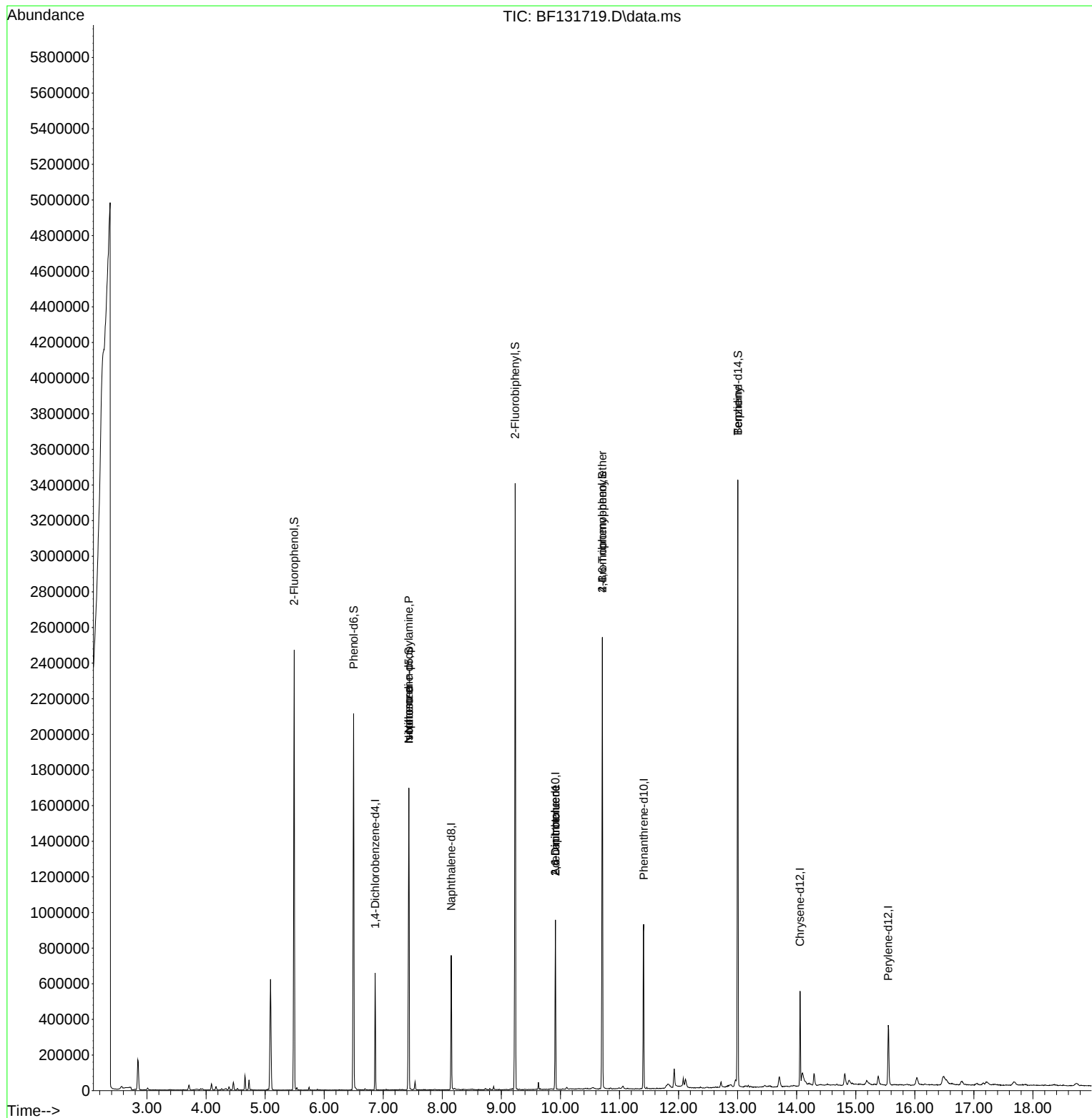
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80858	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	292714	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172629	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	340072	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164809	20.000	ng	0.00
86) Perylene-d12	15.551	264	156211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	609408	126.911	ng	0.02
7) Phenol-d6	6.498	99	707470	109.462	ng	0.00
23) Nitrobenzene-d5	7.434	82	610740	84.703	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	269983	142.887	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1055850	85.679	ng	0.00
79) Terphenyl-d14	13.004	244	1091872	103.253	ng	0.00
Target Compounds						
9) Benzaldehyde	6.498	77	1301	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	7.434	70	86169	18.486	ng	# 80
25) Isophorone	7.434	82	609613	49.784	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22377	8.012	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22377	5.962	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18883	4.701	ng	# 1
77) Benizidine	13.004	184	16938	5.605	ng	# 91

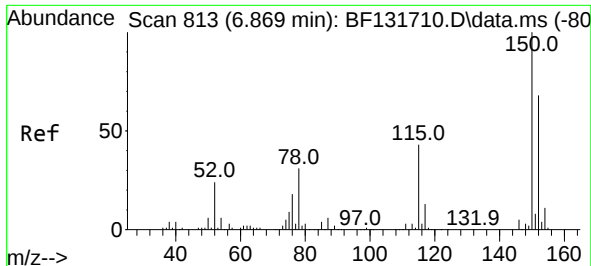
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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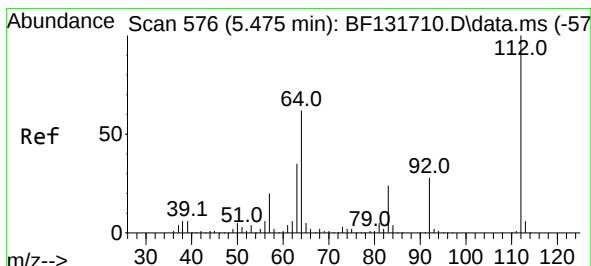
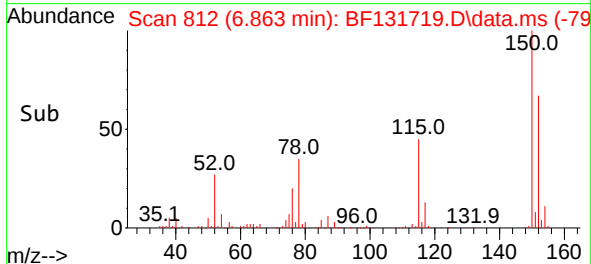
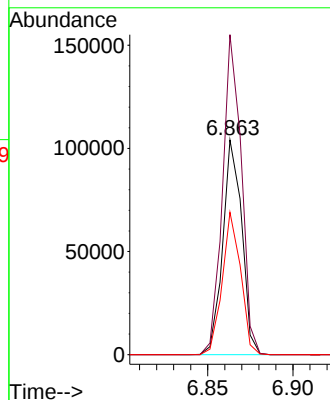
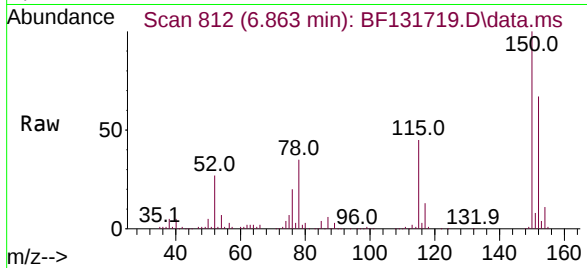




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

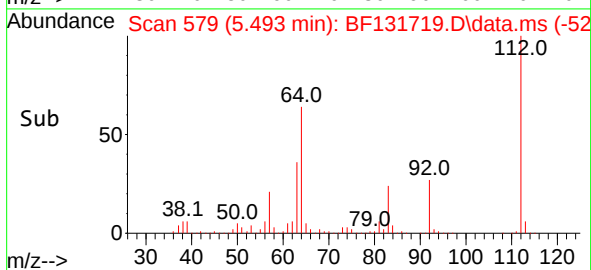
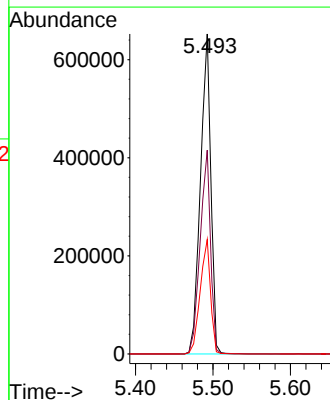
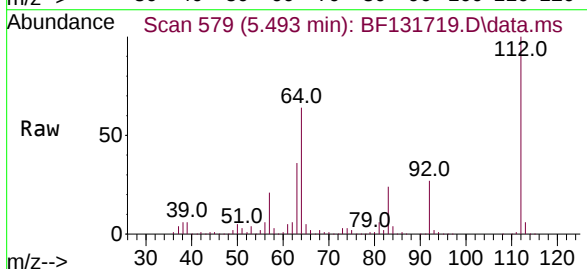
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

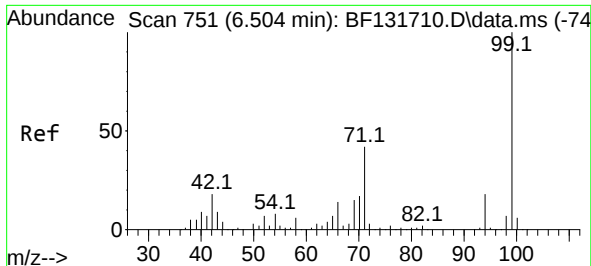
Tgt Ion:152 Resp: 80858
Ion Ratio Lower Upper
152 100
150 149.0 117.4 176.0
115 66.3 50.2 75.4



#5
2-Fluorophenol
Concen: 126.911 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:112 Resp: 609408
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 35.7 28.2 42.2

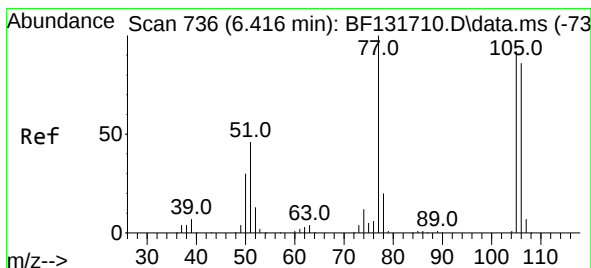
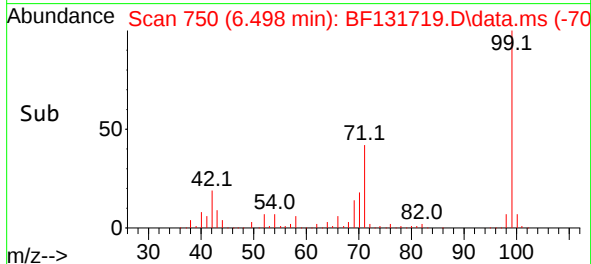
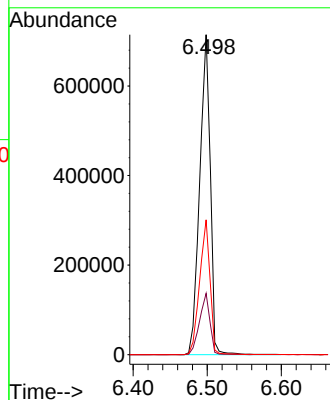
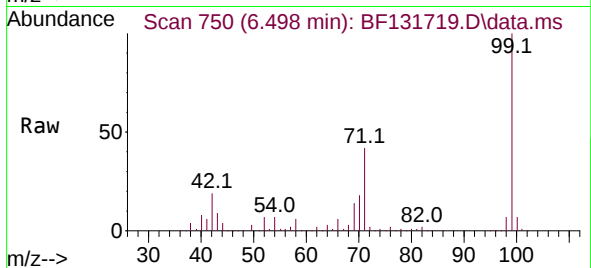




#7
Phenol-d6
Concen: 109.462 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

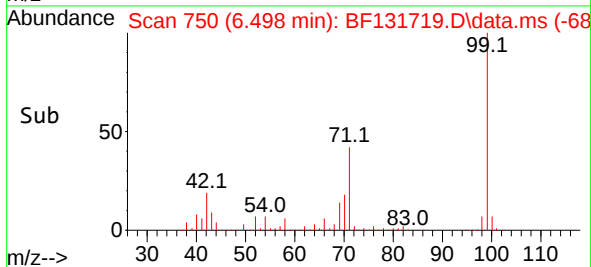
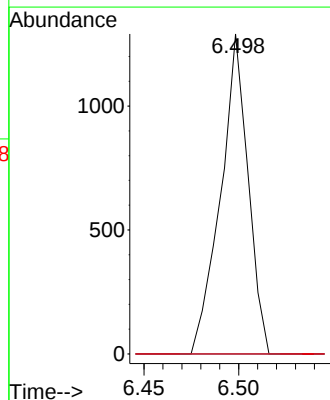
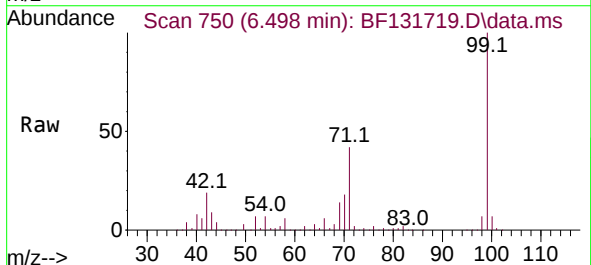
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

Tgt Ion: 99 Resp: 707470
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 42.2 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion: 77 Resp: 1301
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

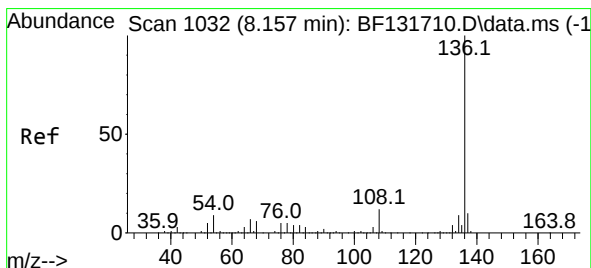
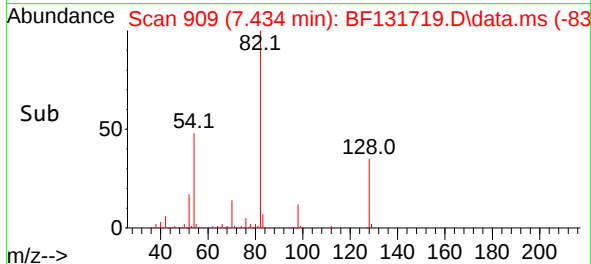
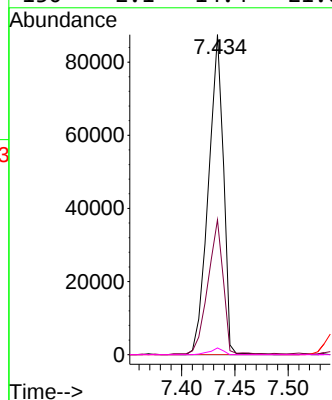
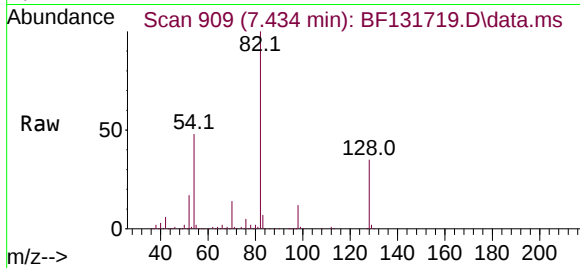




#19
n-Nitroso-di-n-propylamine
Concen: 18.486 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

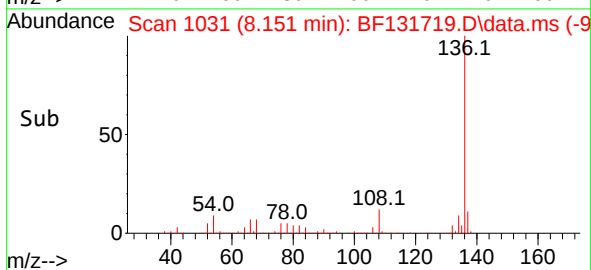
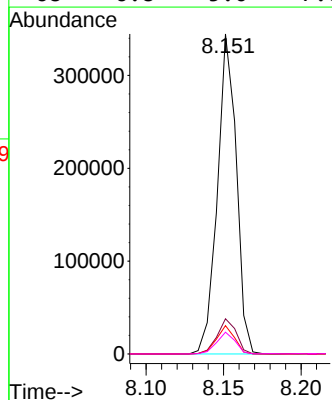
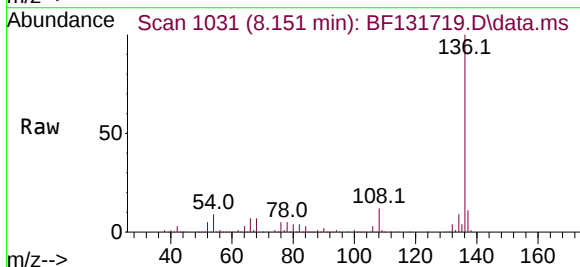
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

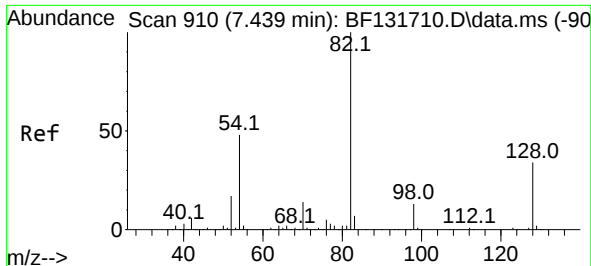
Tgt Ion:	70	Resp:	86169
Ion	Ratio	Lower	Upper
70	100		
42	42.2	41.5	62.3
101	0.0	7.3	10.9#
130	2.1	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:	136	Resp:	292714
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.8	7.2	10.8
68	6.8	5.0	7.6





#23

Nitrobenzene-d5

Concen: 84.703 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131719.D

Acq: 20 Dec 2022 18:30

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP4-COMP-04

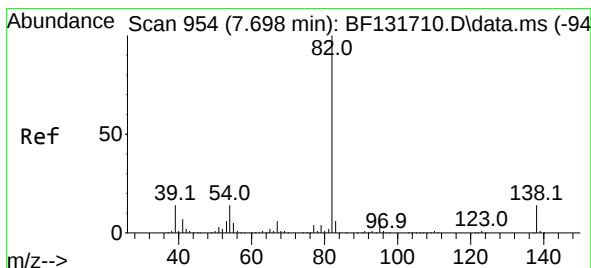
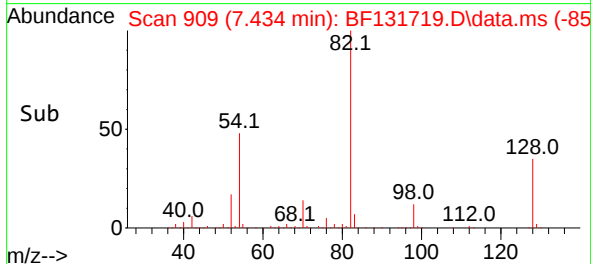
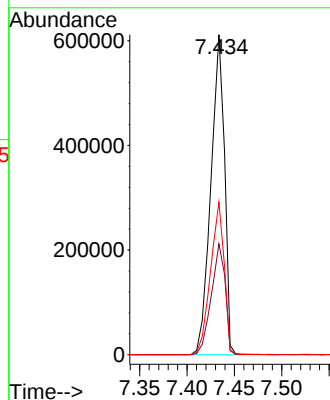
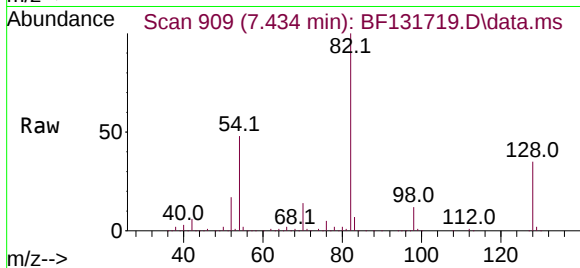
Tgt Ion: 82 Resp: 610740

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 47.7 38.2 57.2



#25

Isophorone

Concen: 49.784 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131719.D

Acq: 20 Dec 2022 18:30

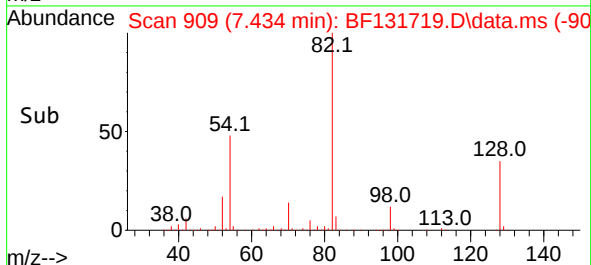
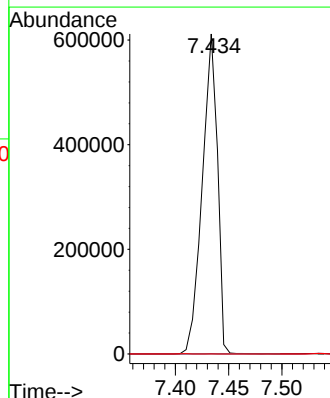
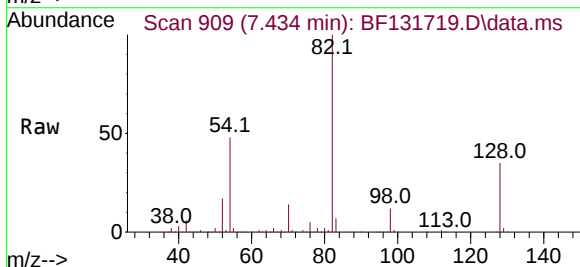
Tgt Ion: 82 Resp: 609613

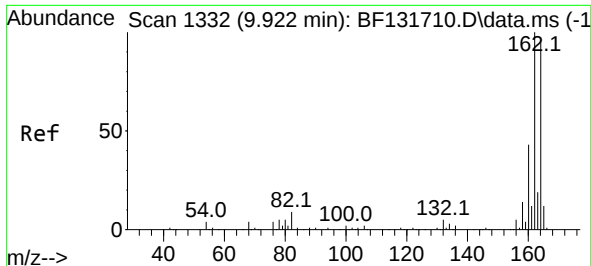
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

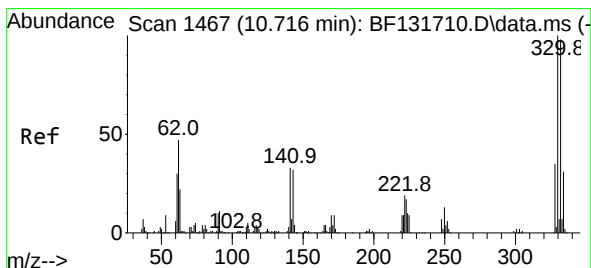
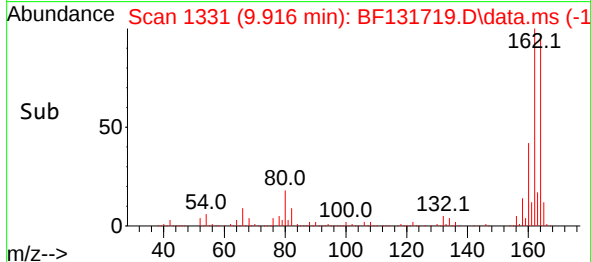
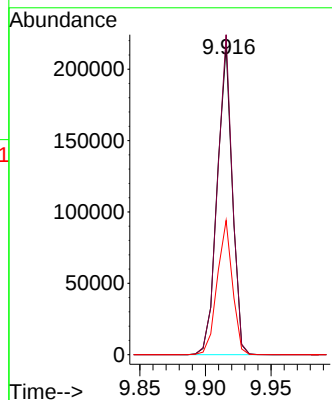
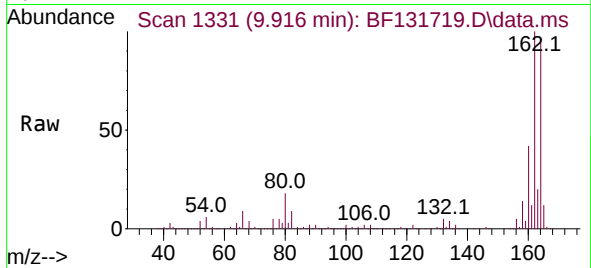




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

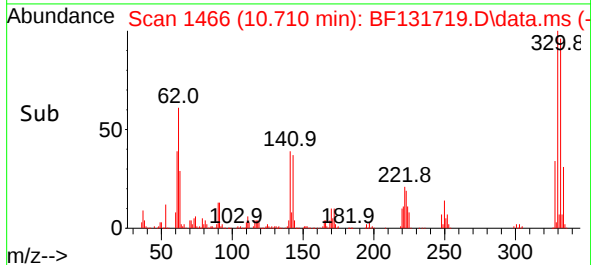
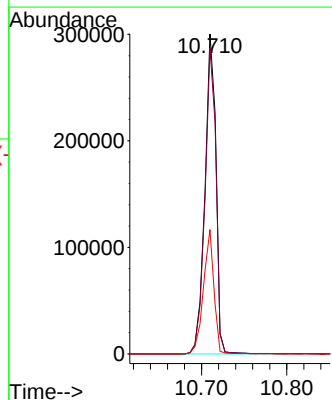
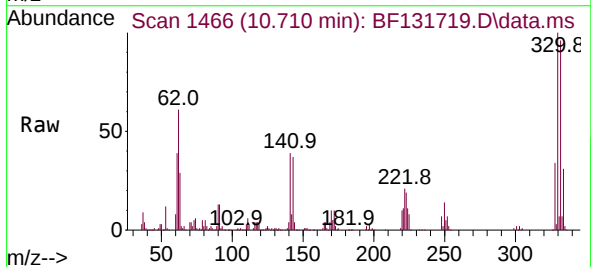
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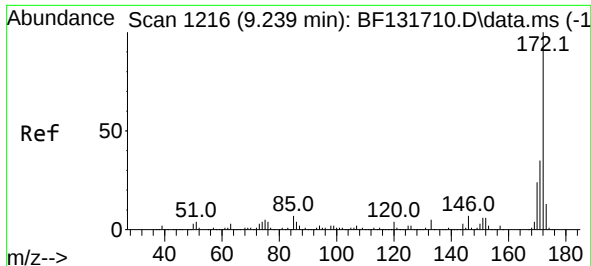
Tgt Ion:164 Resp: 172629
Ion Ratio Lower Upper
164 100
162 103.8 83.7 125.5
160 43.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 142.887 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:330 Resp: 269983
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 37.2 30.4 45.6

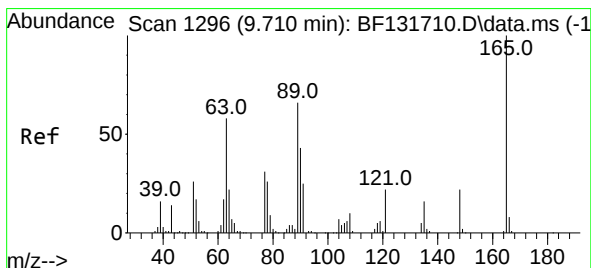
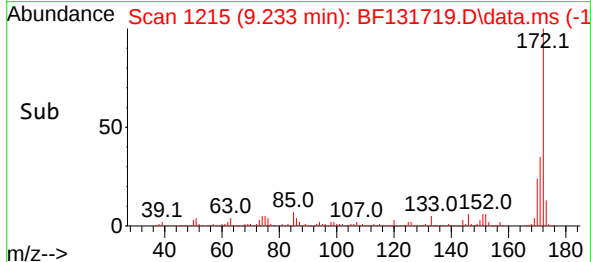
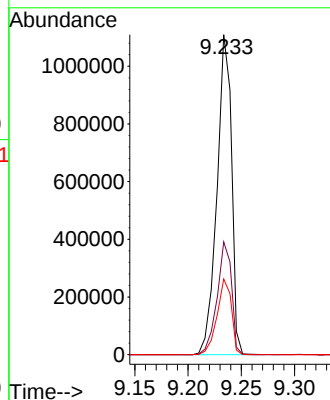
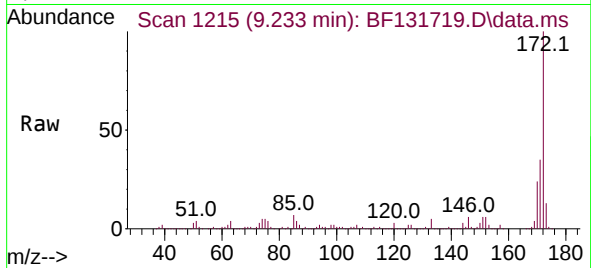




#45
2-Fluorobiphenyl
Concen: 85.679 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

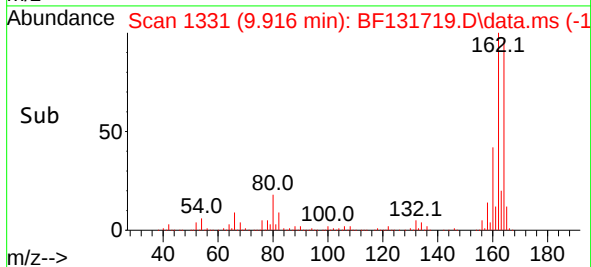
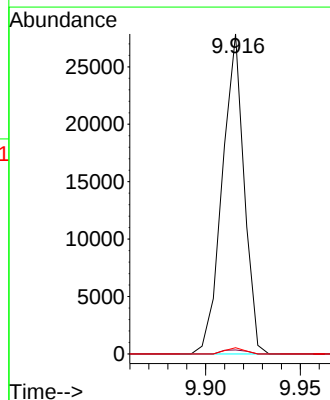
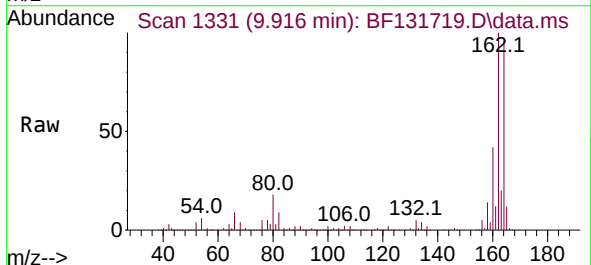
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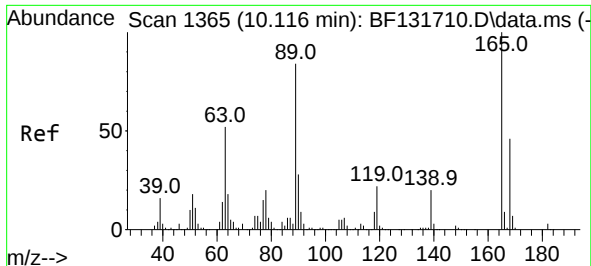
Tgt Ion:172 Resp: 1055850
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.012 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:165 Resp: 22377
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 2.0 53.2 79.8#

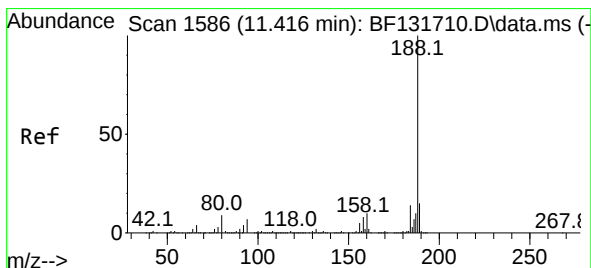
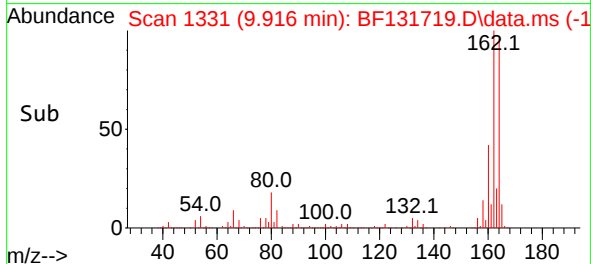
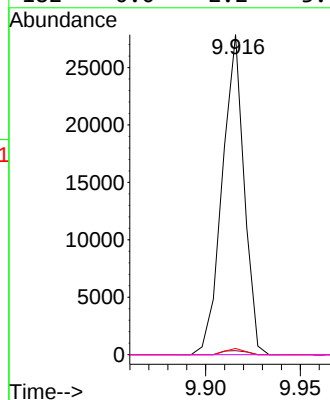
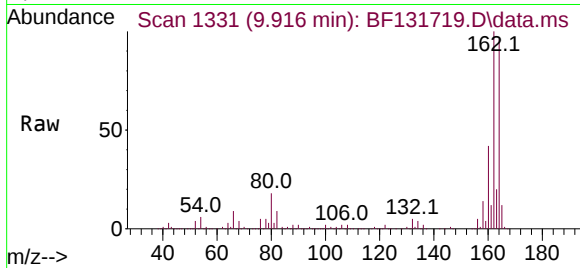




#57
2,4-Dinitrotoluene
Concen: 5.962 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

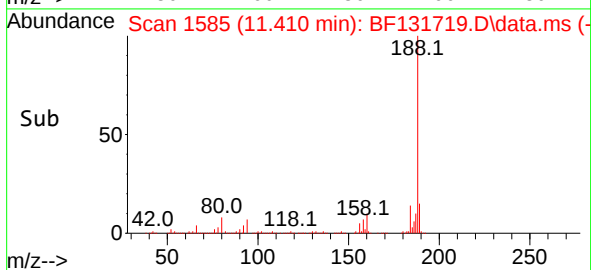
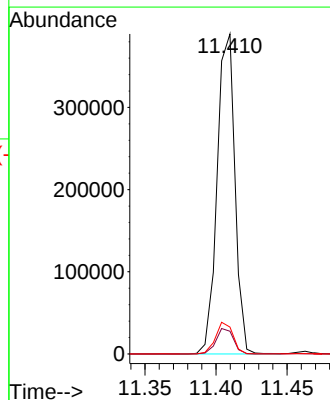
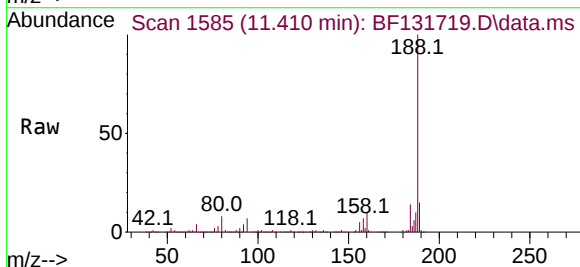
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

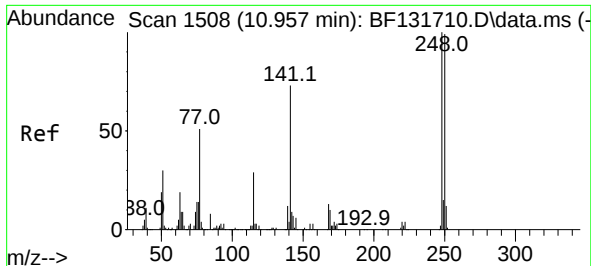
Tgt Ion:165 Resp: 22377
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 2.0 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:188 Resp: 340072
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.4 7.0 10.6

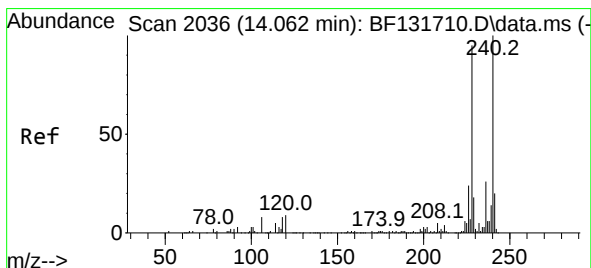
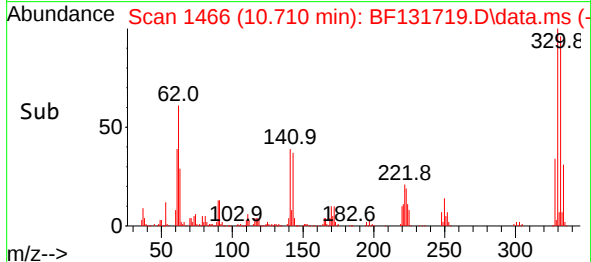
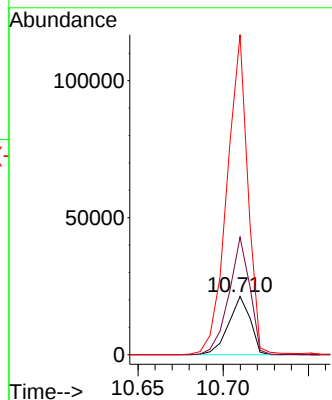
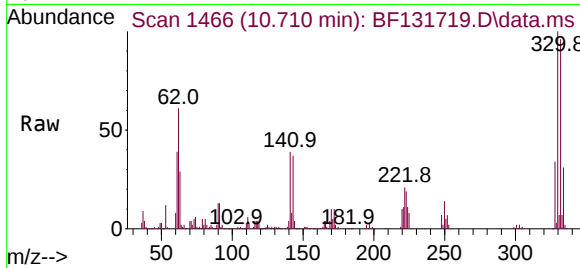




#67
4-Bromophenyl-phenylether
Concen: 4.701 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

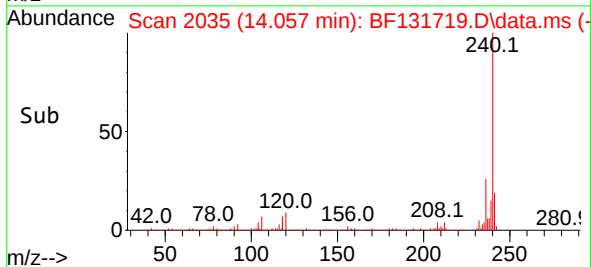
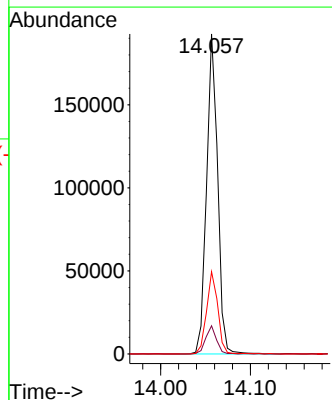
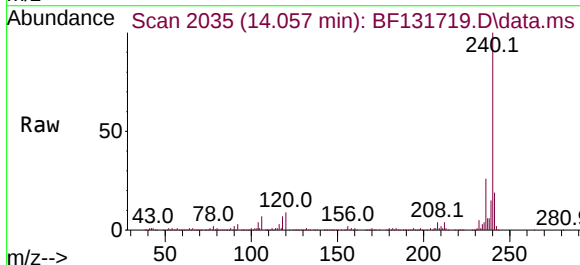
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP4-COMP-04

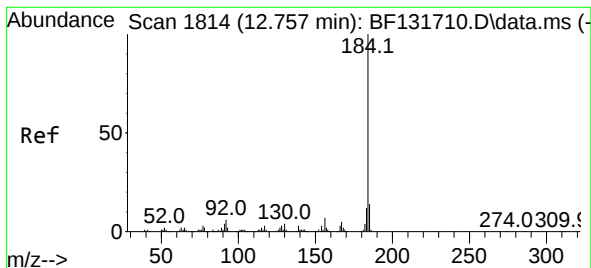
Tgt Ion:248 Resp: 18883
Ion Ratio Lower Upper
248 100
250 201.9 79.4 119.0#
141 549.7 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131719.D
Acq: 20 Dec 2022 18:30

Tgt Ion:240 Resp: 164809
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.7 21.2 31.8





#77

Benzidine

Concen: 5.605 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131719.D

Acq: 20 Dec 2022 18:30

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP4-COMP-04

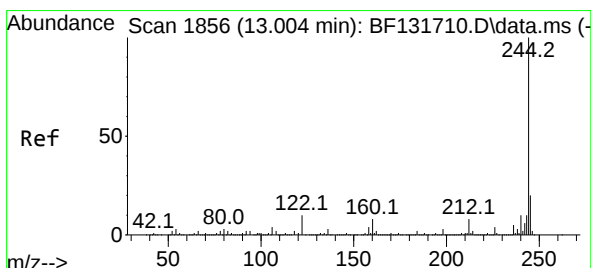
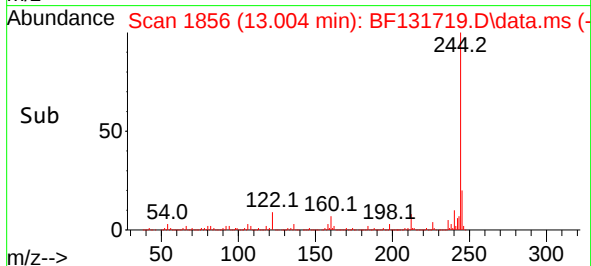
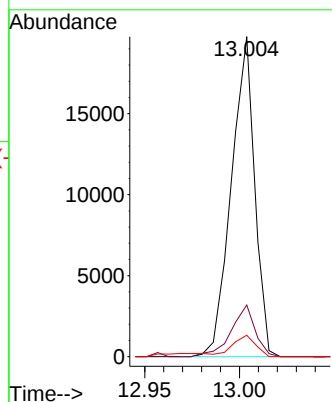
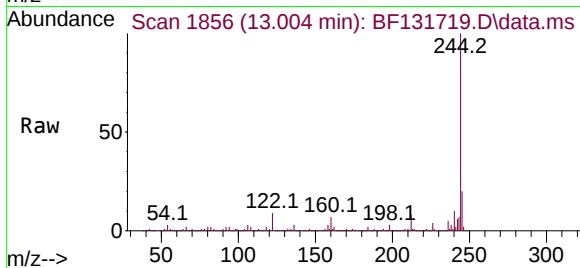
Tgt Ion:184 Resp: 16938

Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

183 6.7 9.3 13.9#



#79

Terphenyl-d14

Concen: 103.253 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131719.D

Acq: 20 Dec 2022 18:30

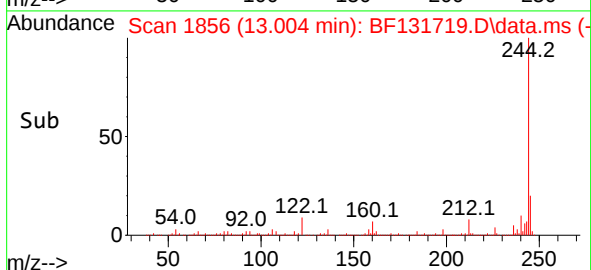
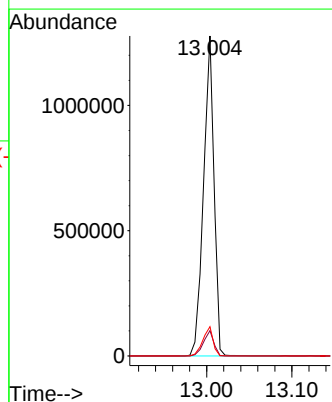
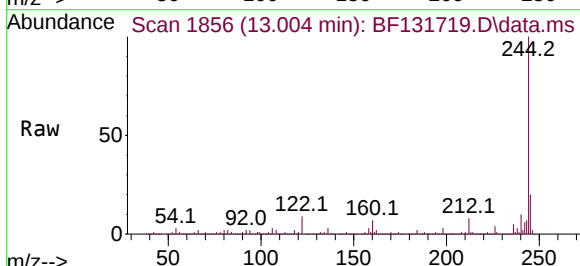
Tgt Ion:244 Resp: 1091872

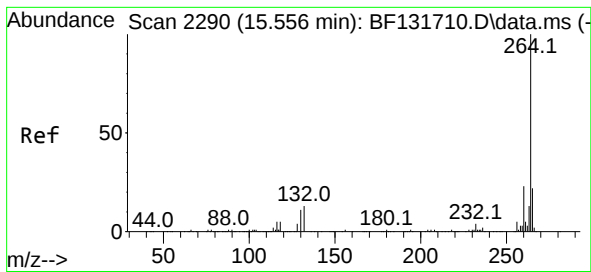
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.2 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131719.D

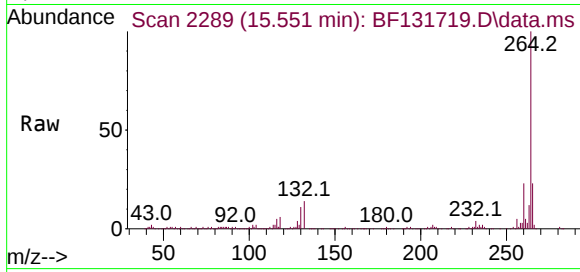
Acq: 20 Dec 2022 18:30

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP4-COMP-04



Tgt Ion:264 Resp: 156211

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 23.1 17.4 26.2

