

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128997.D
 Acq On : 24 Jun 2022 18:58
 Operator : CG\JU
 Sample : N3438-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-N47935

Quant Time: Jun 25 06:15:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	98023	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	395132	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	209179	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	234178	20.000	ng	0.00
76) Chrysene-d12	13.892	240	160204	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	145246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	308040	50.055	ng	0.00
7) Phenol-d6	6.381	99	229619	30.567	ng	0.00
23) Nitrobenzene-d5	7.293	82	672243	79.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	220488	89.210	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1232584	82.542	ng	0.00
79) Terphenyl-d14	12.839	244	694288	75.305	ng	0.00

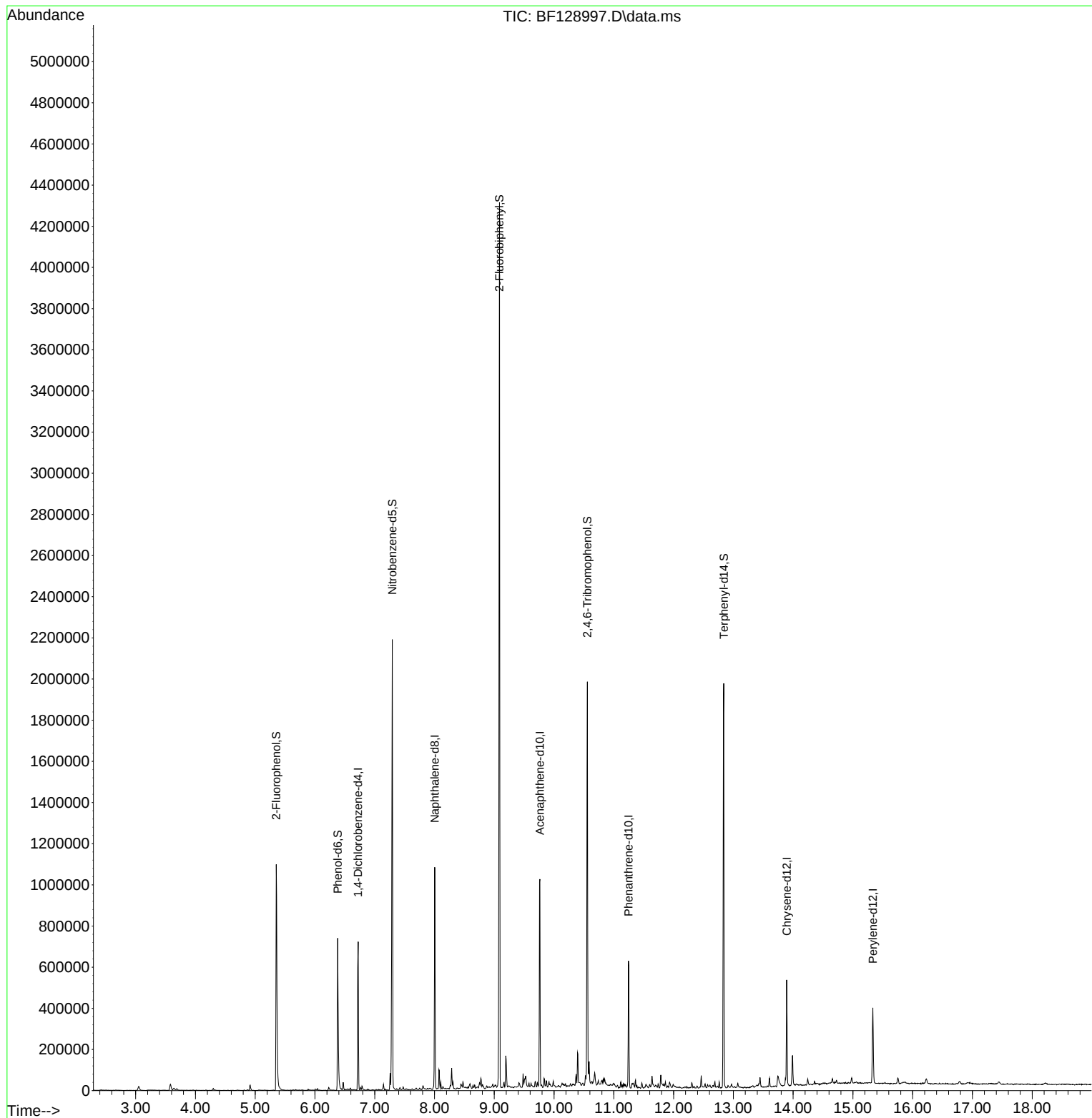
Target Compounds	Qvalue
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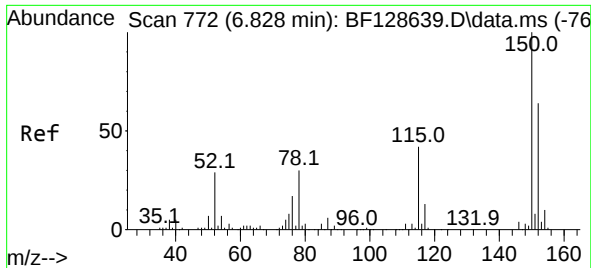
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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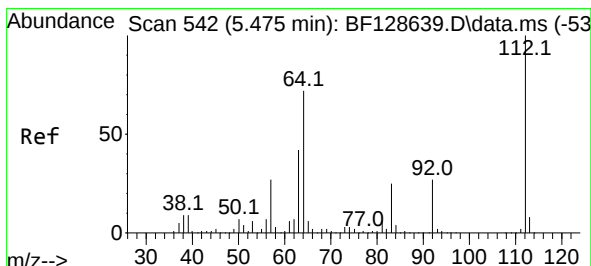
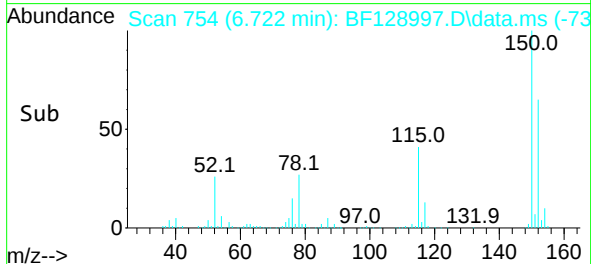
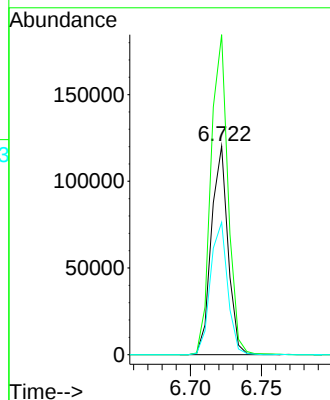
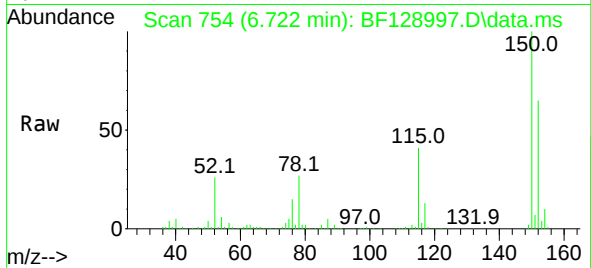




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

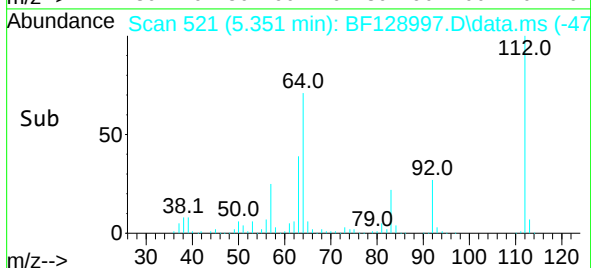
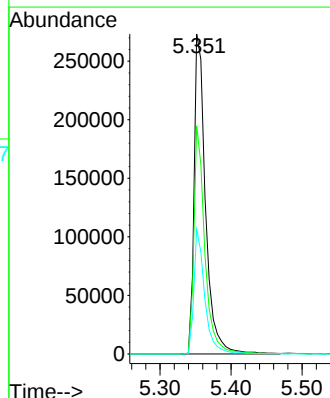
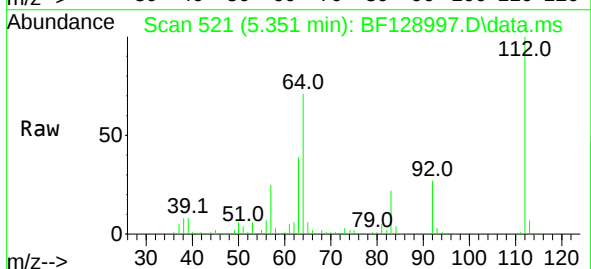
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

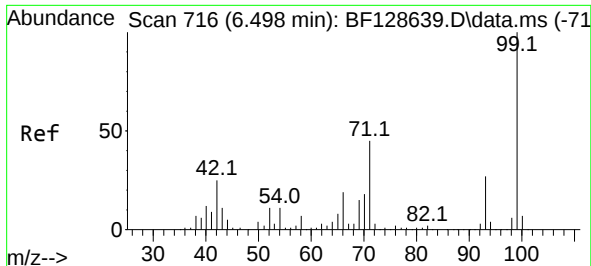
Tgt Ion:152 Resp: 98023
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 50.055 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion:112 Resp: 308040
Ion Ratio Lower Upper
112 100
64 71.3 53.3 79.9
63 38.8 28.0 42.0

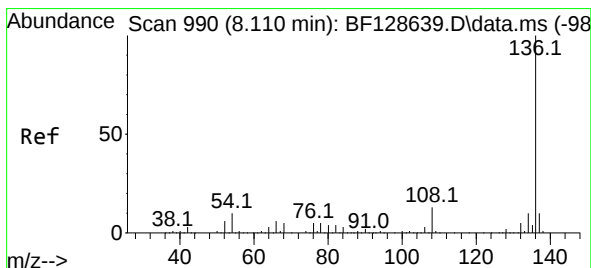
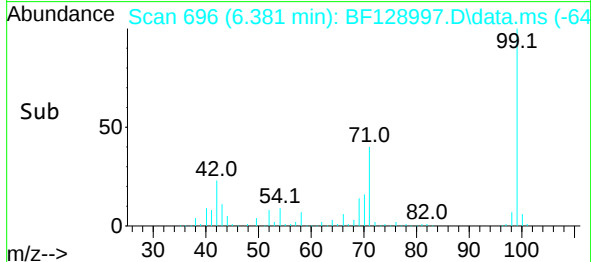
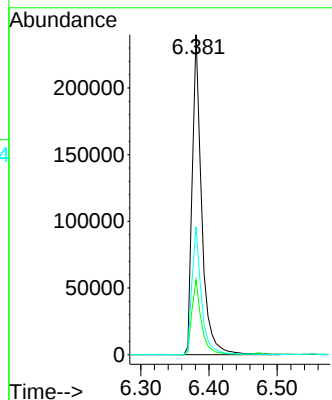
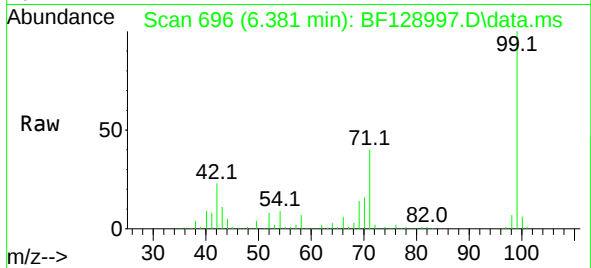




#7
Phenol-d6
Concen: 30.567 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

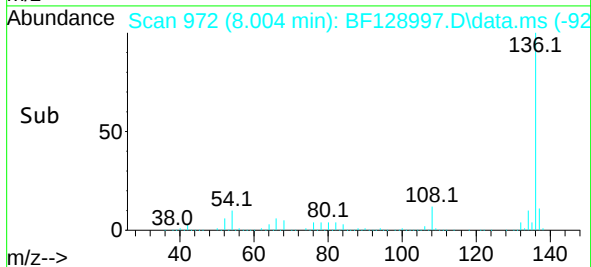
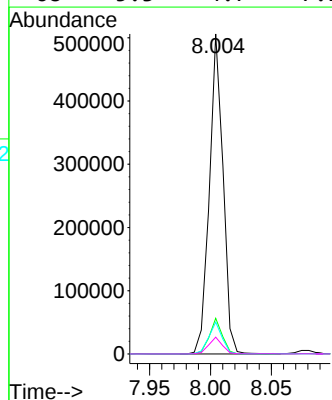
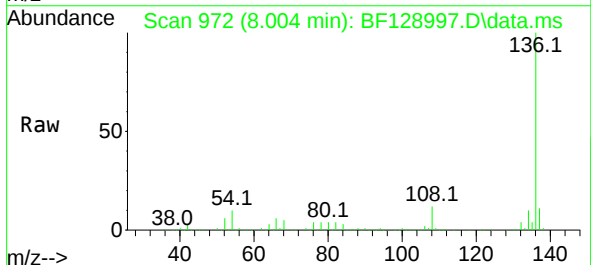
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

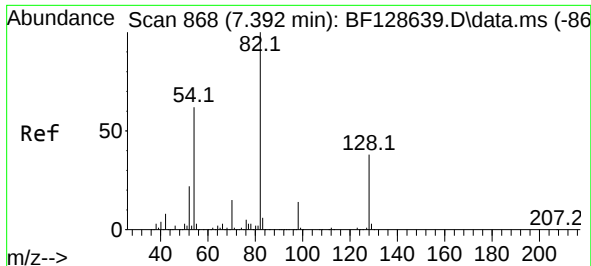
Tgt Ion: 99 Resp: 229619
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 39.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion: 136 Resp: 395132
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 7.5 11.3
68 5.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 79.211 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128997.D

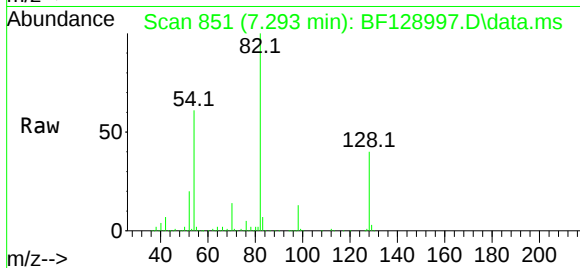
Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935



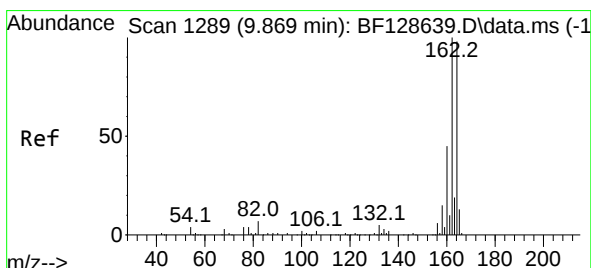
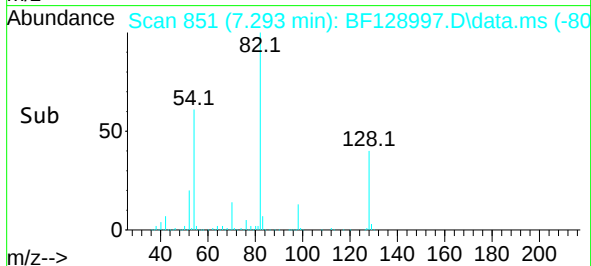
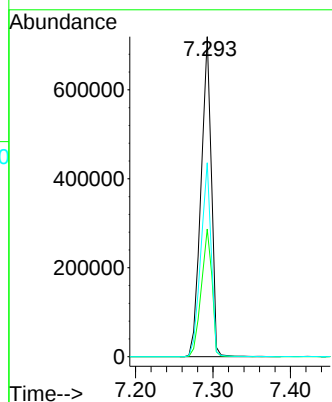
Tgt Ion: 82 Resp: 672243

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 60.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

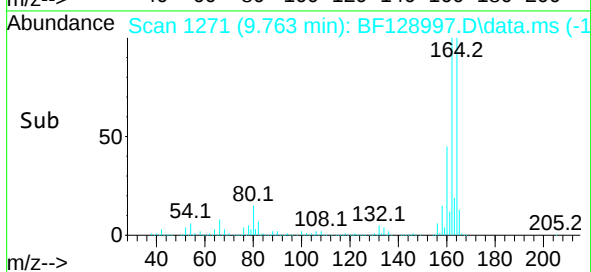
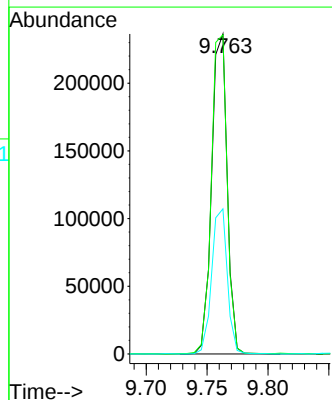
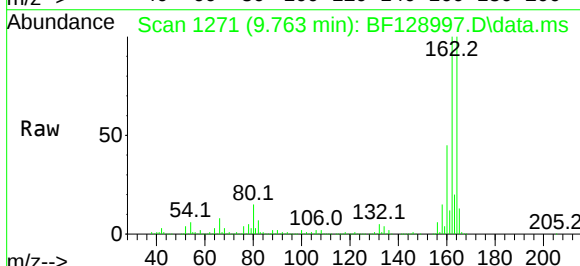
Tgt Ion: 164 Resp: 209179

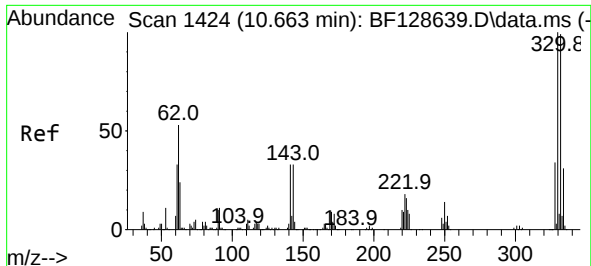
Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.210 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128997.D

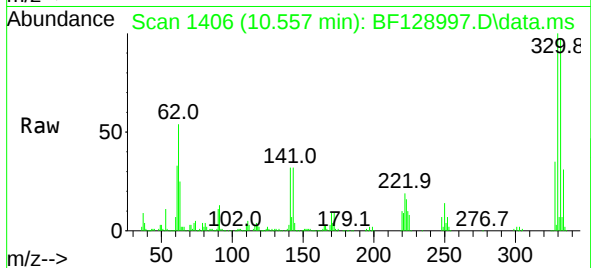
Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935



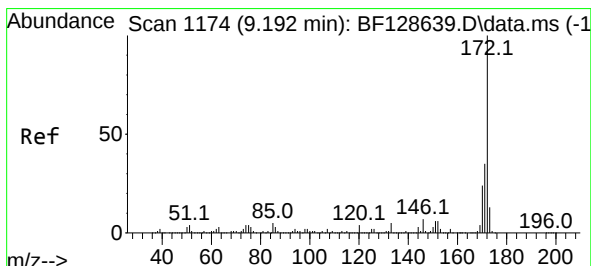
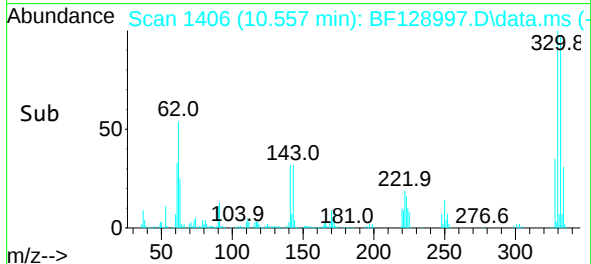
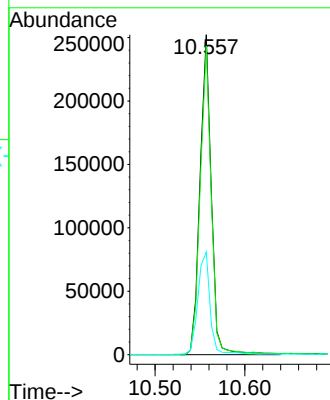
Tgt Ion:330 Resp: 220488

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.542 ng

RT: 9.087 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

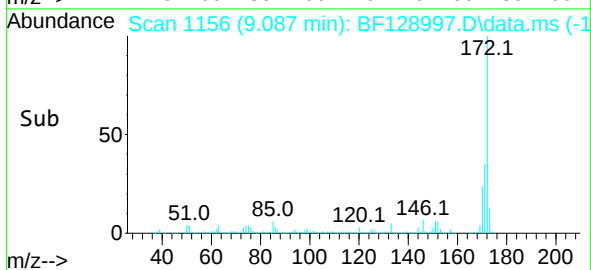
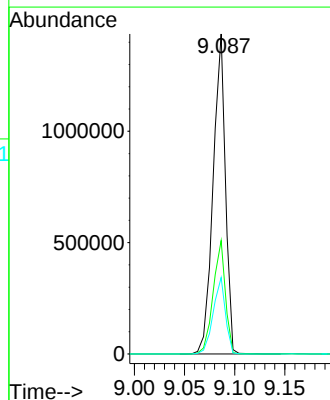
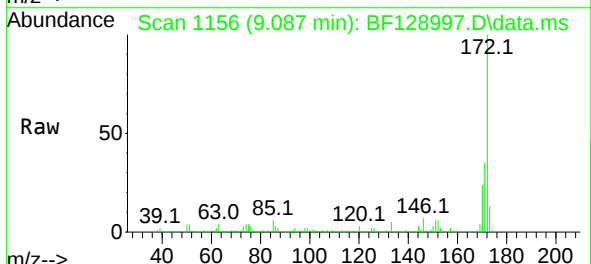
Tgt Ion:172 Resp: 1232584

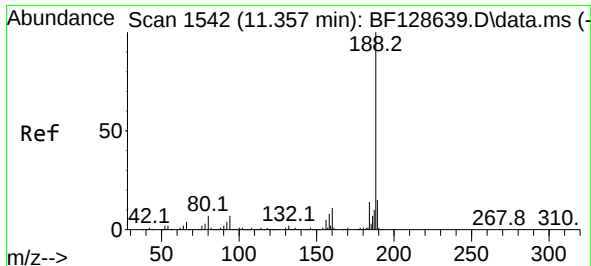
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.9 19.8 29.8

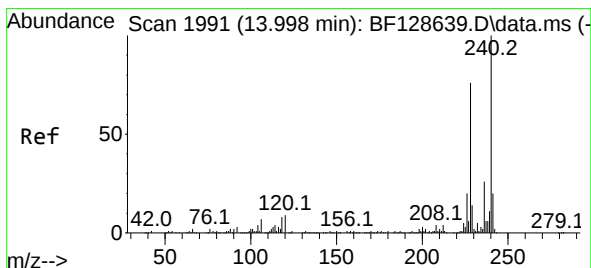
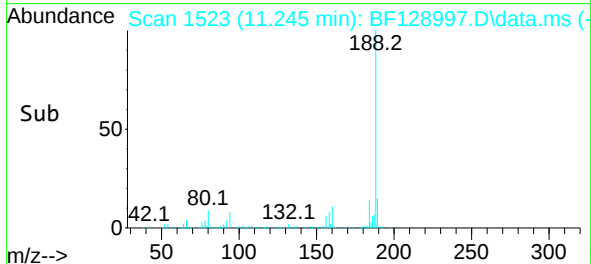
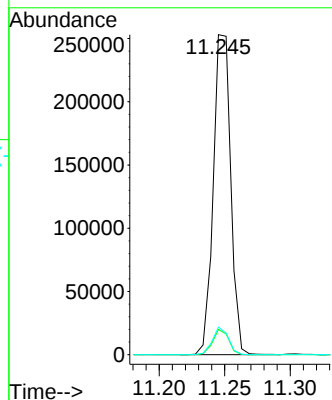
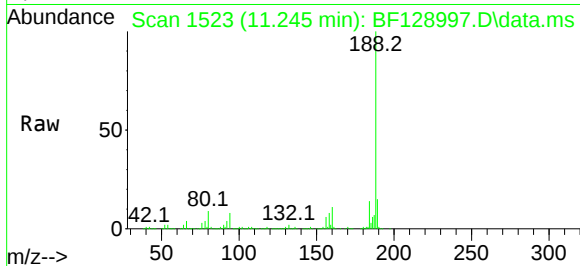




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

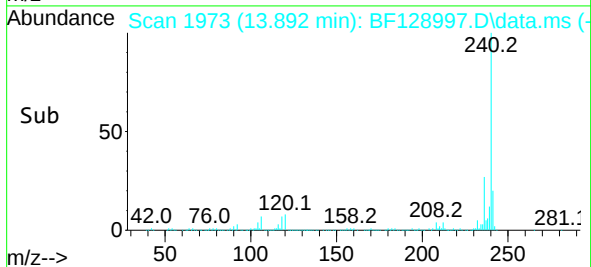
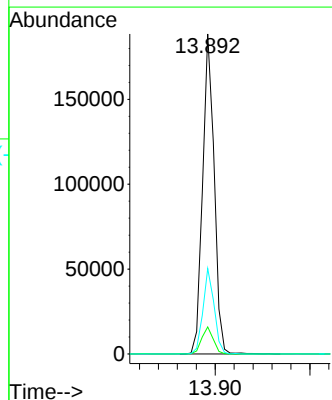
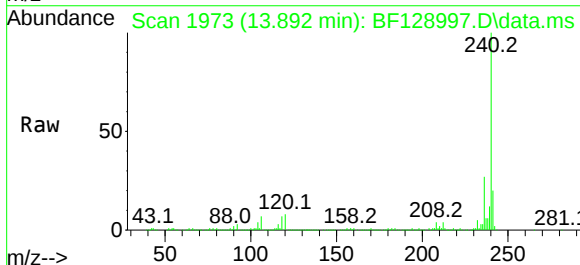
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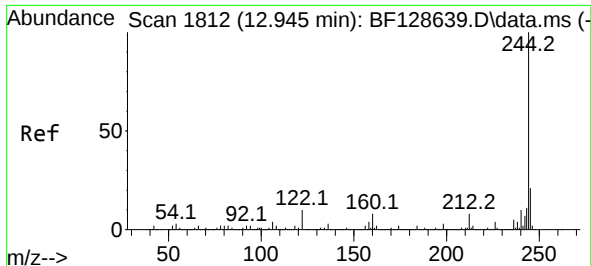
Tgt Ion:188 Resp: 234178
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion:240 Resp: 160204
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 26.7 20.8 31.2

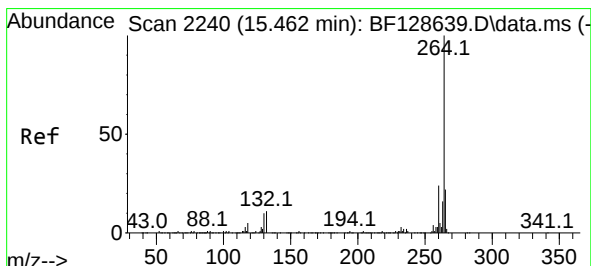
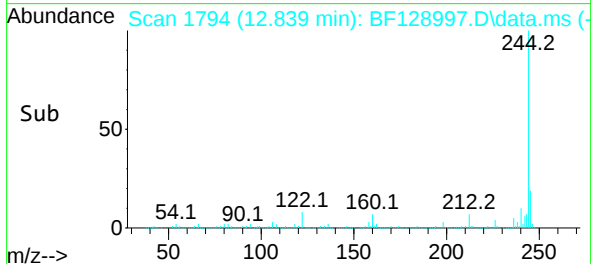
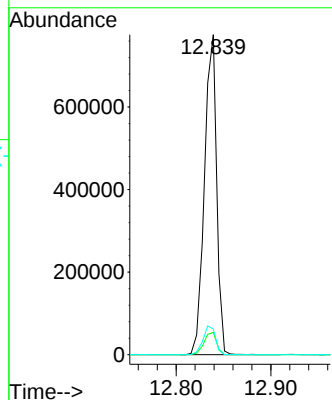
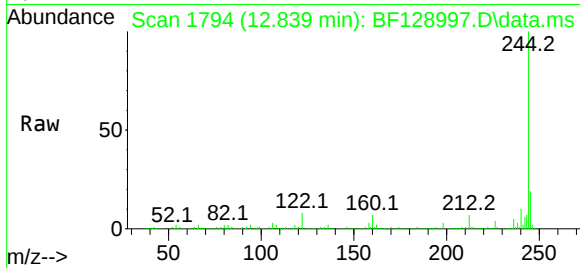




#79
 Terphenyl-d14
 Concen: 75.305 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128997.D
 Acq: 24 Jun 2022 18:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 694288
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: BF128997.D
 Acq: 24 Jun 2022 18:58

Tgt Ion:264 Resp: 145246
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.3 17.2 25.8

