

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127525.D
 Acq On : 25 Mar 2022 13:46
 Operator : CG\JU
 Sample : N2104-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A229

Quant Time: Mar 25 17:26:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

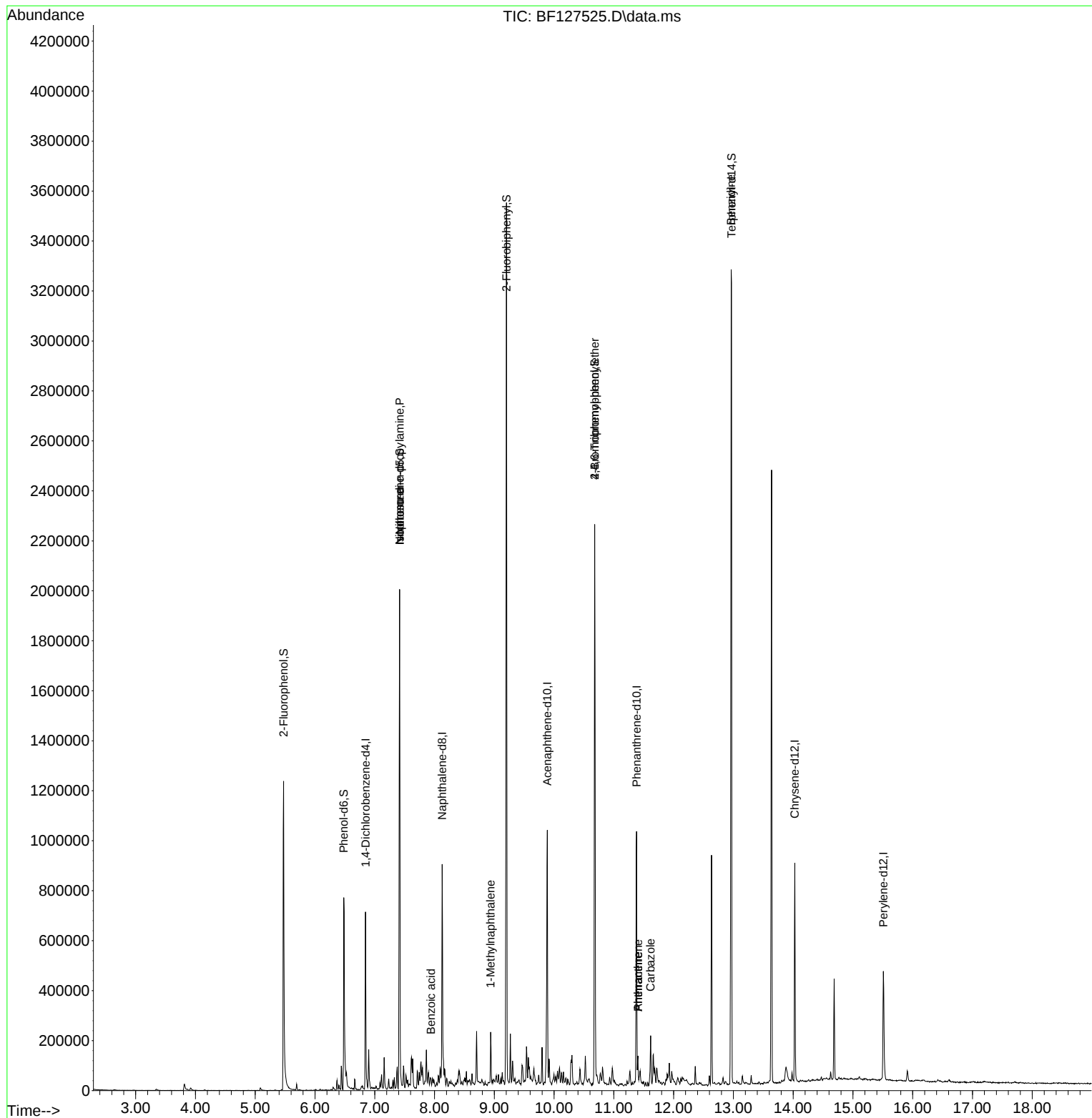
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93144	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	336716	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197758	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	375960	20.000	ng	0.00
76) Chrysene-d12	14.027	240	283639	20.000	ng	0.00
86) Perylene-d12	15.510	264	204734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	350442	60.056	ng	0.00
7) Phenol-d6	6.481	99	301143	37.754	ng	0.00
23) Nitrobenzene-d5	7.416	82	637407	80.918	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	264114	125.373	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1064171	78.578	ng	0.00
79) Terphenyl-d14	12.969	244	1298523	74.944	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	971	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	87481	18.297 ng	#	79
25) Isophorone	7.416	82	636093	50.701 ng	#	70
32) Benzoic acid	7.939	122	2488	6.841 ng	#	1
38) 1-Methylnaphthalene	8.939	142	50309	4.426 ng		97
55) Dibenzofuran	10.092	168	16559	Below Cal		97
58) Fluorene	10.433	166	15436	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.680	248	17160	3.909 ng	#	1
71) Phenanthrene	11.404	178	40197	2.051 ng		99
72) Anthracene	11.404	178	40197	2.067 ng		98
73) Carbazole	11.616	167	63987	3.440 ng		99
77) Benzidine	12.963	184	16722	2.473 ng	#	91

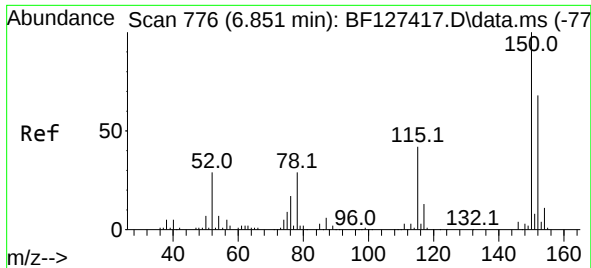
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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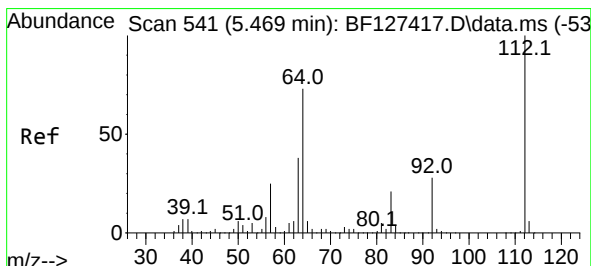
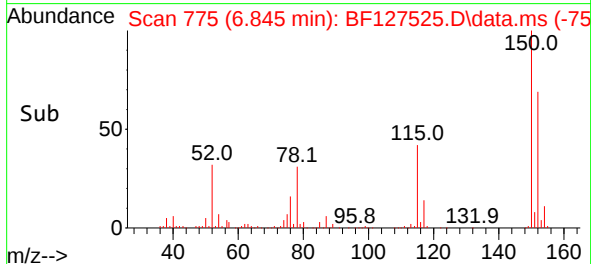
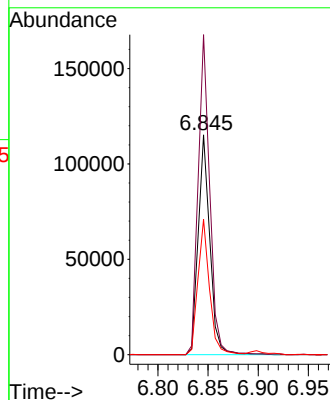
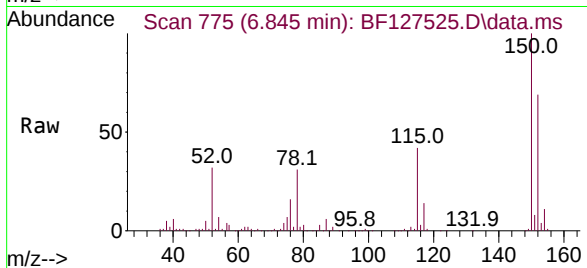




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

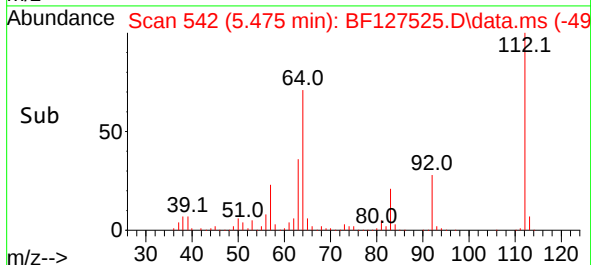
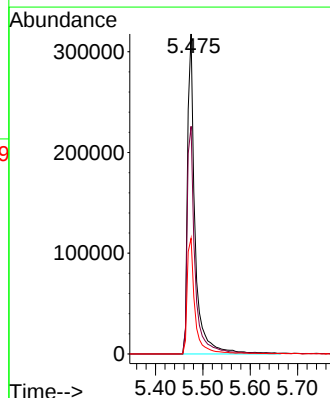
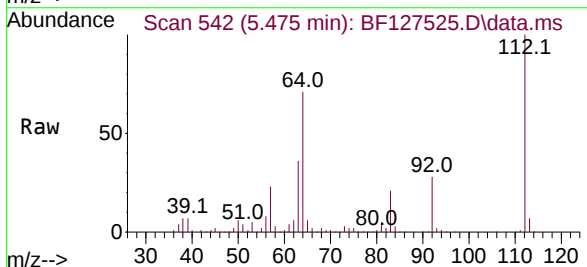
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

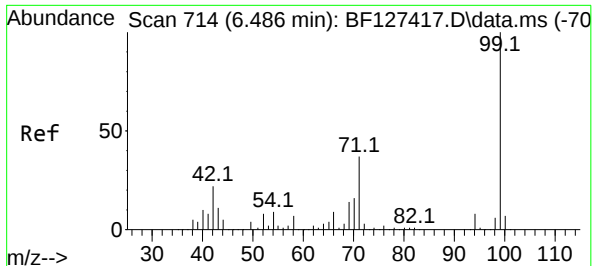
Tgt Ion:152 Resp: 93144
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 61.6 49.8 74.6



#5
2-Fluorophenol
Concen: 60.056 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion:112 Resp: 350442
Ion Ratio Lower Upper
112 100
64 71.2 58.4 87.6
63 36.2 30.1 45.1

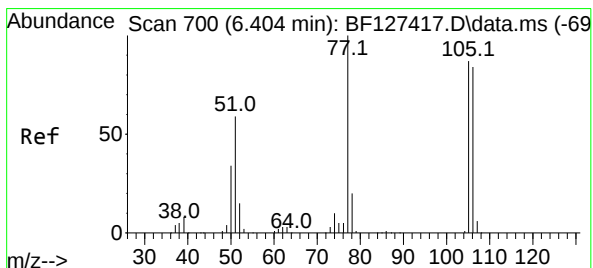
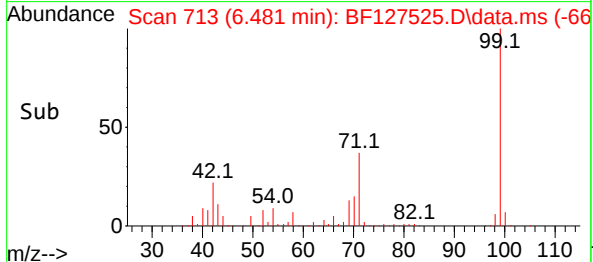
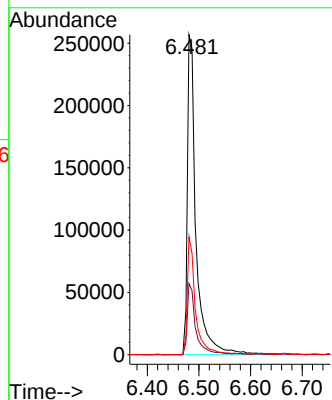
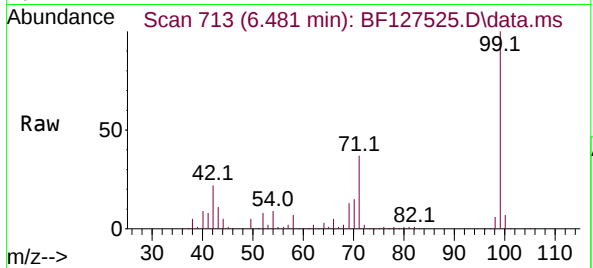




#7
Phenol-d6
Concen: 37.754 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

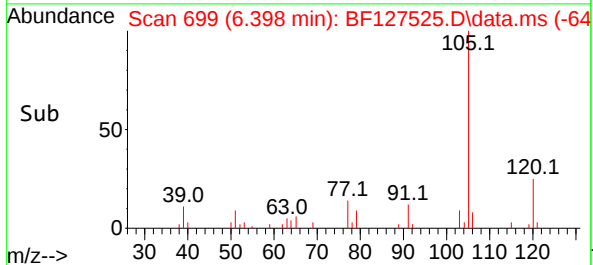
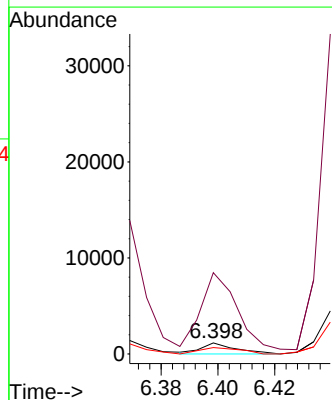
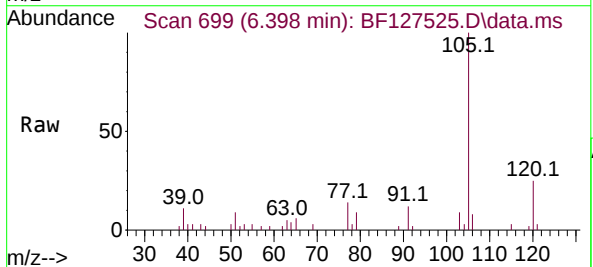
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

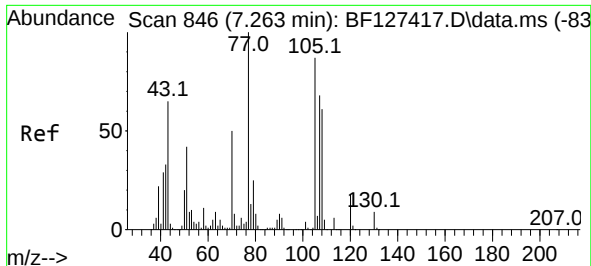
Tgt Ion: 99 Resp: 301143
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 36.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion: 77 Resp: 971
Ion Ratio Lower Upper
77 100
105 736.7 66.8 106.8#
106 58.2 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 18.297 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127525.D

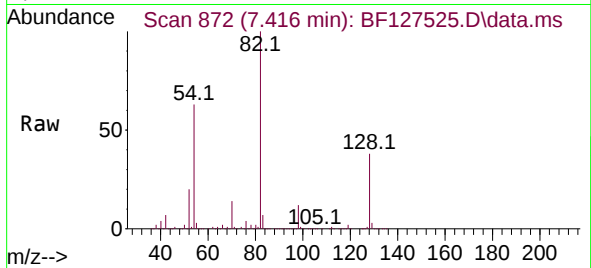
Acq: 25 Mar 2022 13:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A229



Tgt Ion: 70 Resp: 87481

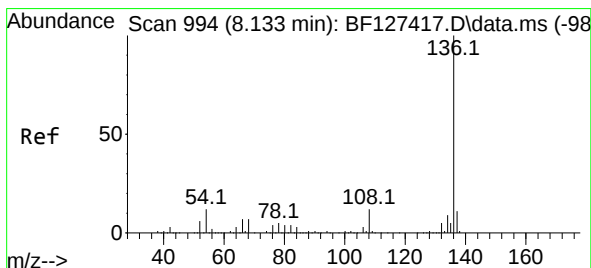
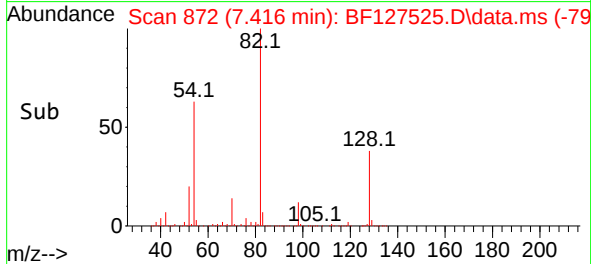
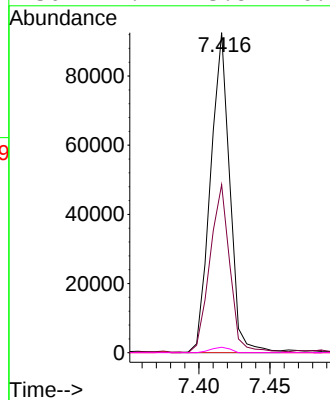
Ion Ratio Lower Upper

70 100

42 52.5 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

Tgt Ion:136 Resp: 336716

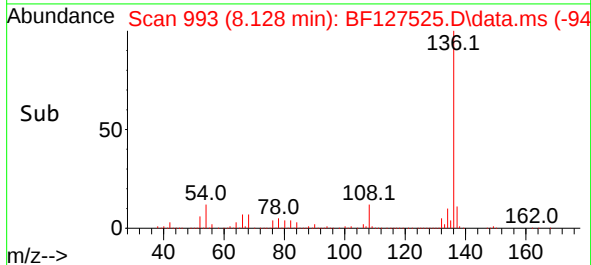
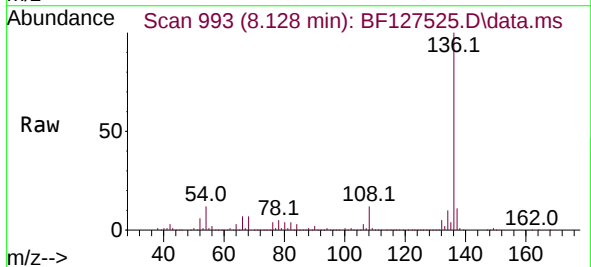
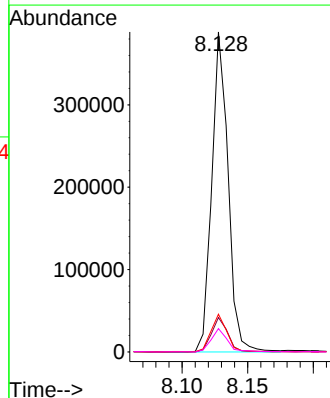
Ion Ratio Lower Upper

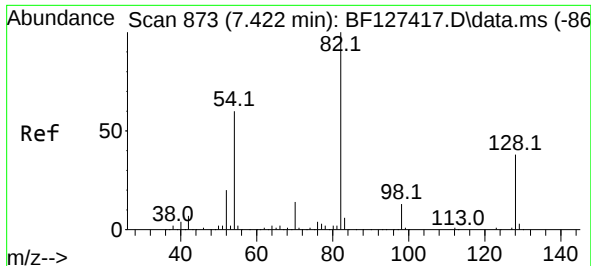
136 100

137 10.7 8.6 13.0

54 11.8 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 80.918 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A229

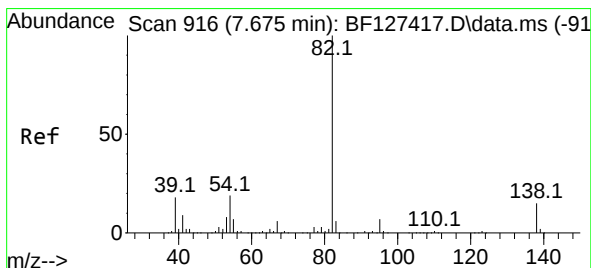
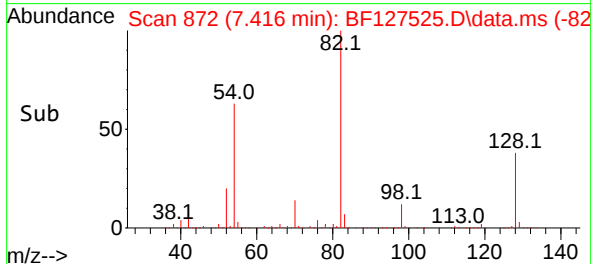
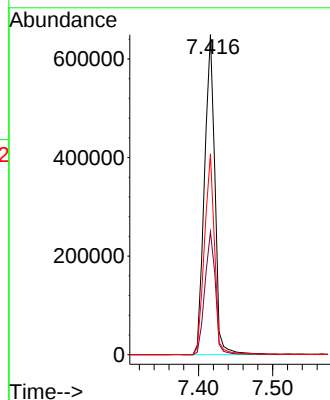
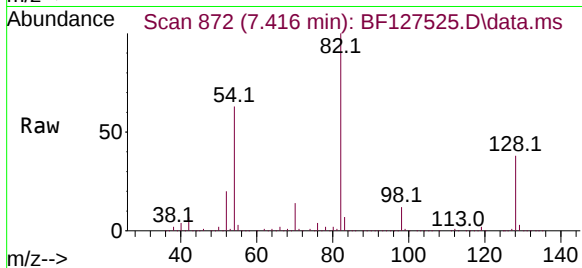
Tgt Ion: 82 Resp: 637407

Ion Ratio Lower Upper

82 100

128 38.4 30.6 45.8

54 62.7 48.2 72.2



#25

Isophorone

Concen: 50.701 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

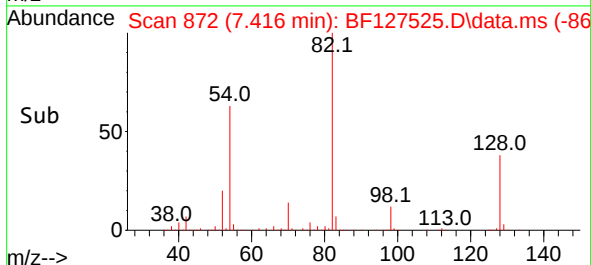
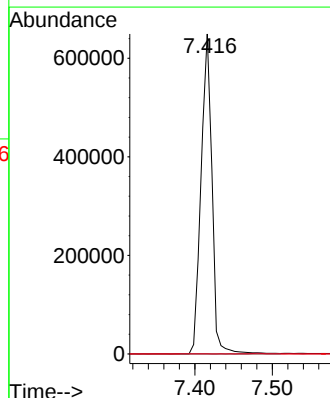
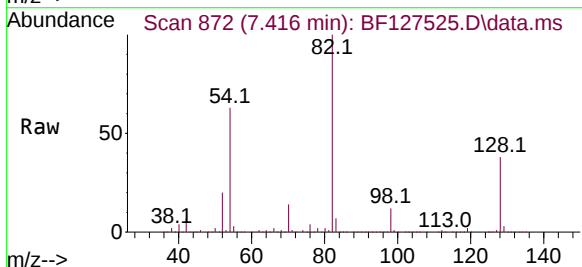
Tgt Ion: 82 Resp: 636093

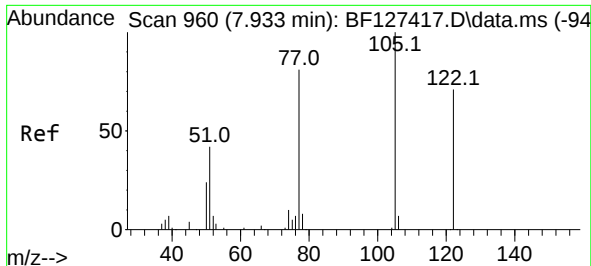
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

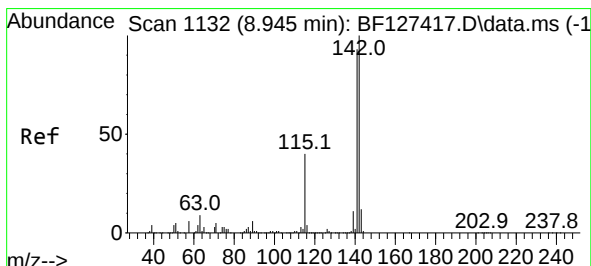
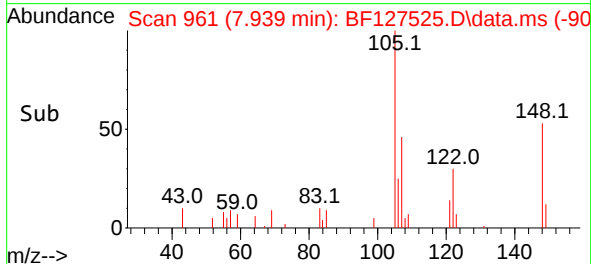
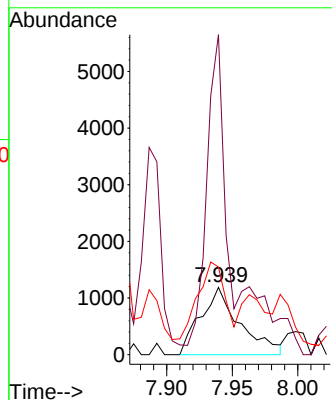
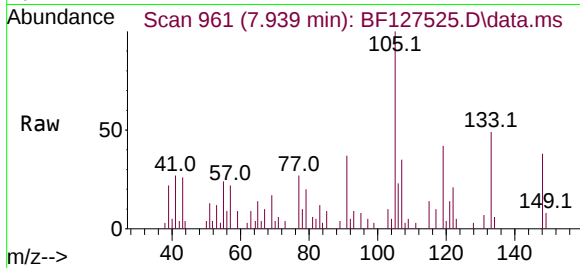




#32
Benzoic acid
Concen: 6.841 ng
RT: 7.939 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

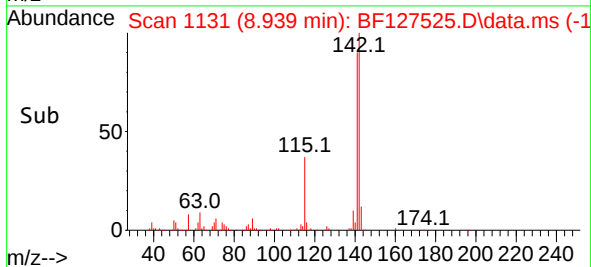
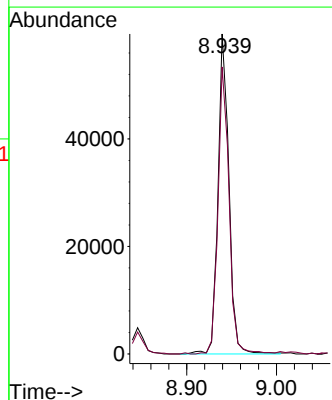
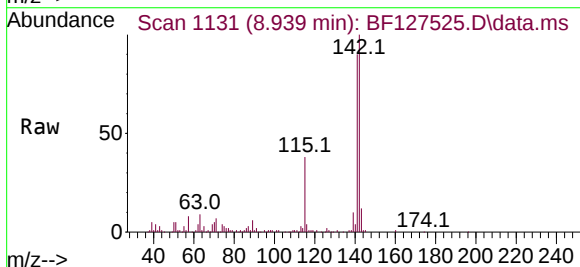
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

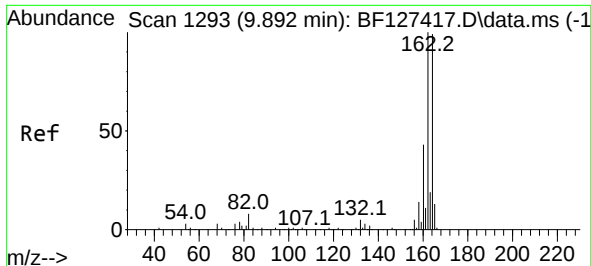
Tgt Ion:122 Resp: 2488
Ion Ratio Lower Upper
122 100
105 474.7 117.1 157.1#
77 130.2 93.0 133.0



#38
1-Methylnaphthalene
Concen: 4.426 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion:142 Resp: 50309
Ion Ratio Lower Upper
142 100
141 89.7 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A229

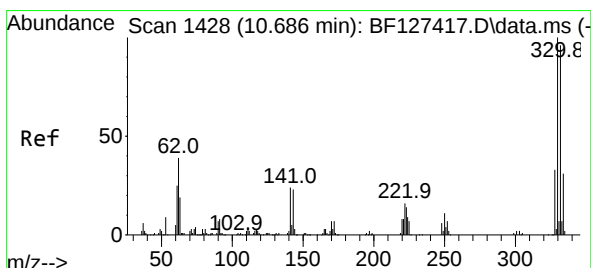
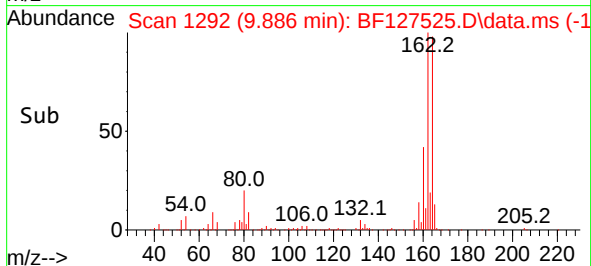
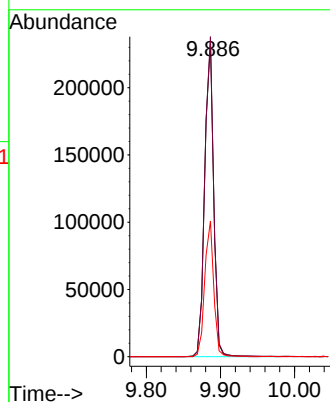
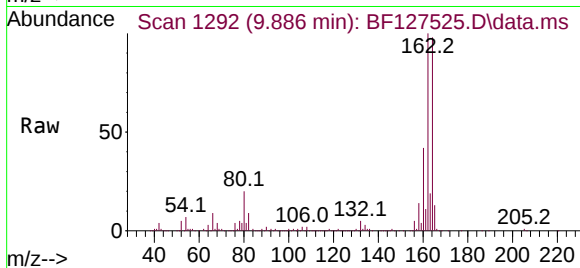
Tgt Ion:164 Resp: 197758

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 43.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 125.373 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

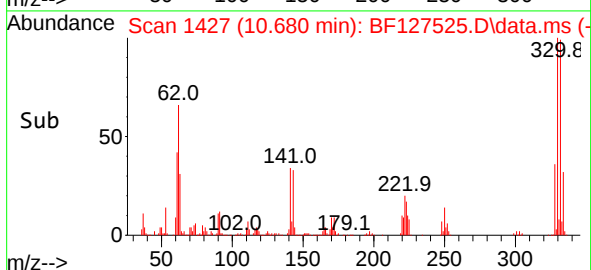
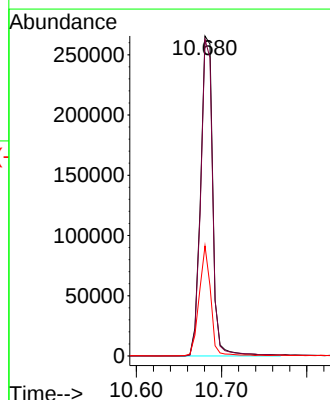
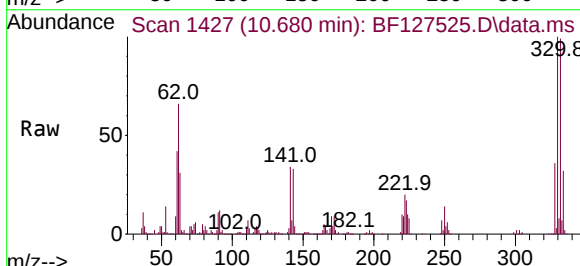
Tgt Ion:330 Resp: 264114

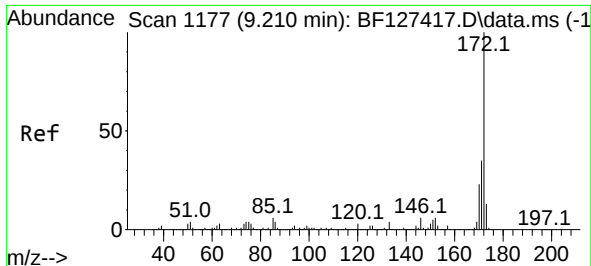
Ion Ratio Lower Upper

330 100

332 97.8 79.1 118.7

141 32.9 26.2 39.4

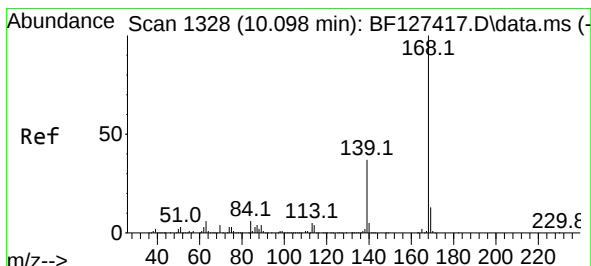
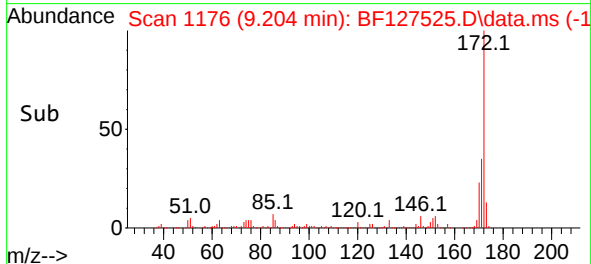
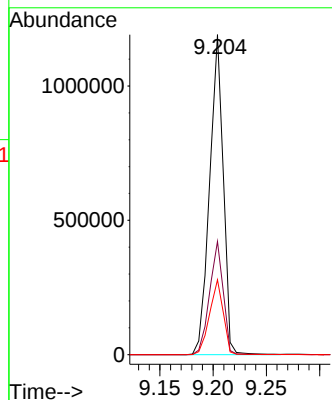
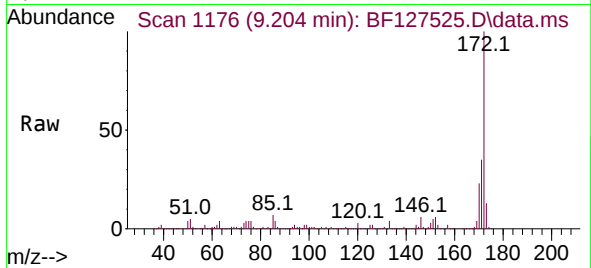




#45
2-Fluorobiphenyl
Concen: 78.578 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

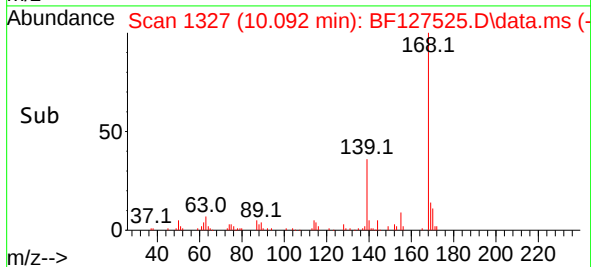
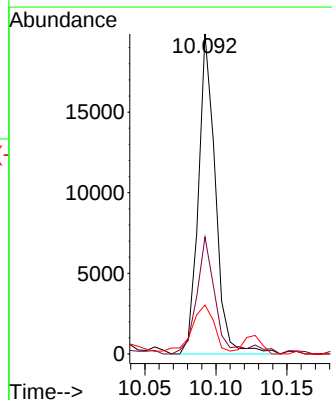
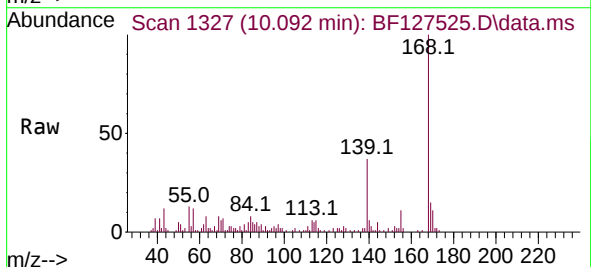
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

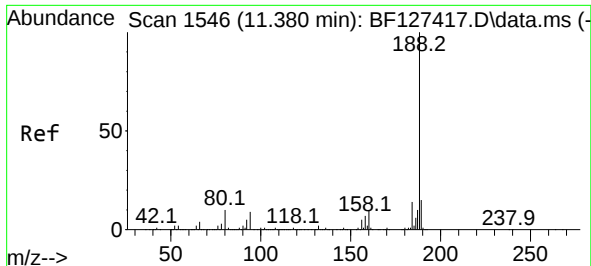
Tgt Ion:172 Resp: 1064171
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.6 27.8



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion:168 Resp: 16559
Ion Ratio Lower Upper
168 100
139 36.6 30.3 45.5
169 15.3 10.8 16.2

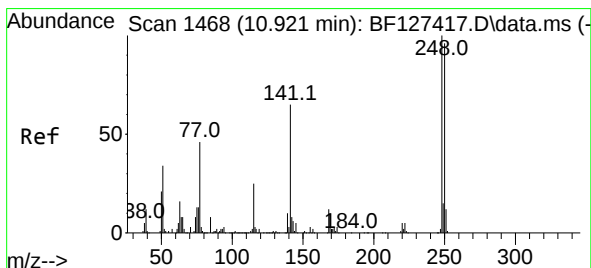
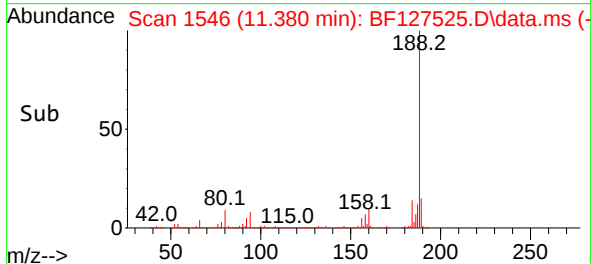
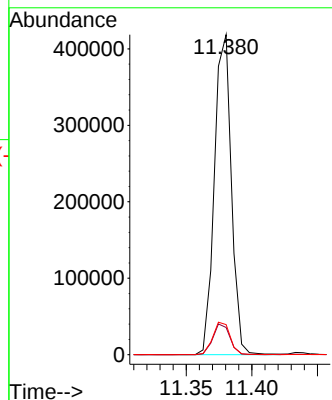
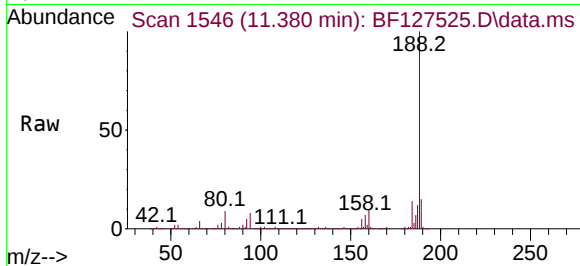




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

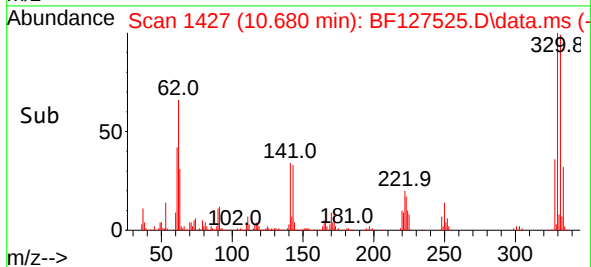
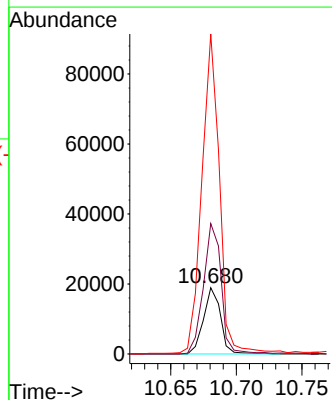
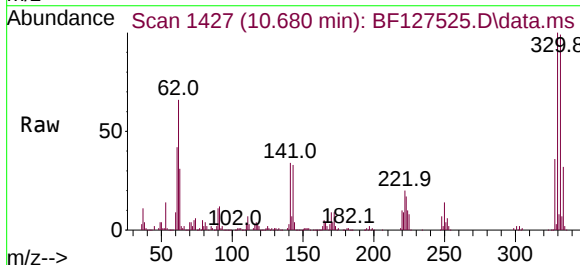
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

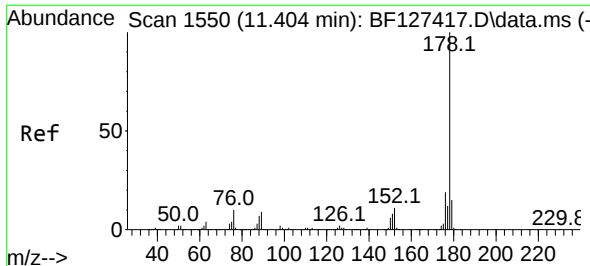
Tgt Ion:188 Resp: 375960
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.4 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion:248 Resp: 17160
Ion Ratio Lower Upper
248 100
250 196.7 76.6 115.0#
141 482.8 52.2 78.2#

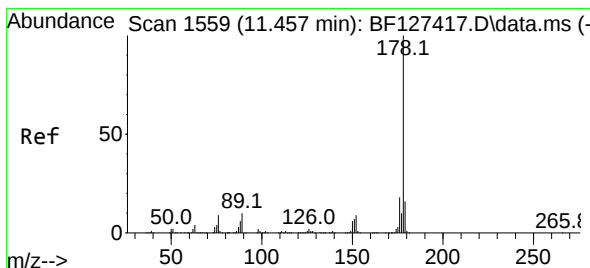
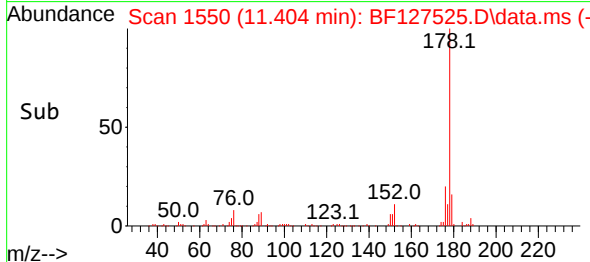
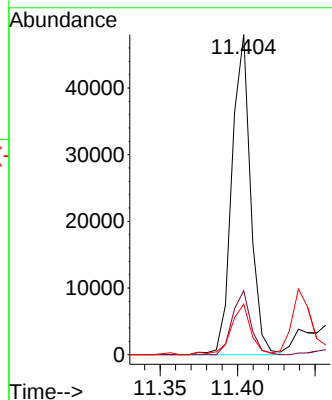
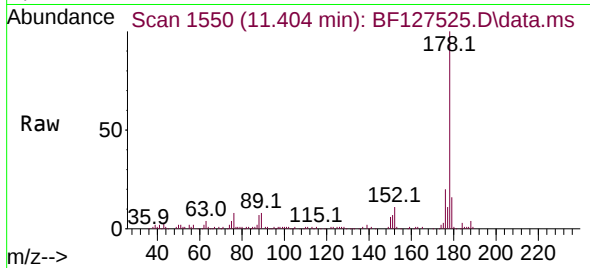




#71
Phenanthrene
Concen: 2.051 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

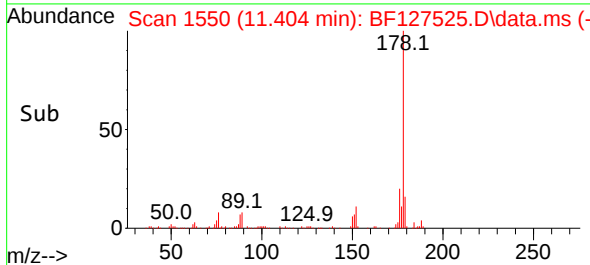
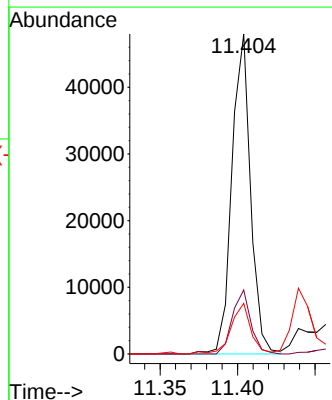
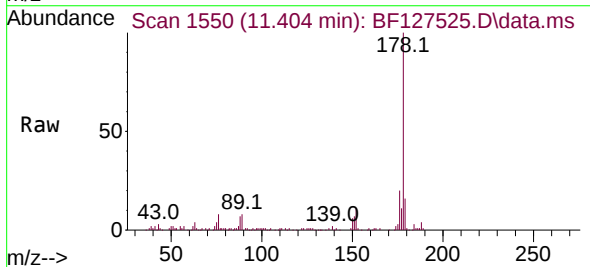
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

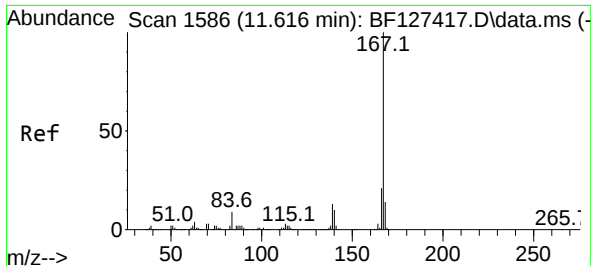
Tgt Ion:178 Resp: 40197
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.8 12.4 18.6



#72
Anthracene
Concen: 2.067 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.053 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

Tgt Ion:178 Resp: 40197
Ion Ratio Lower Upper
178 100
176 20.0 14.6 22.0
179 15.8 12.4 18.6

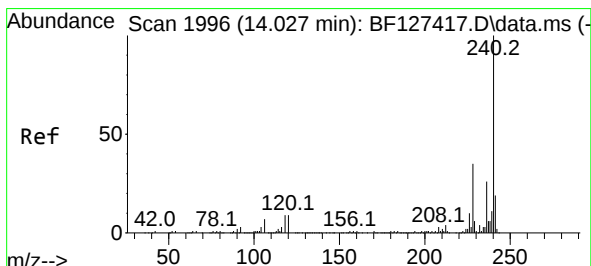
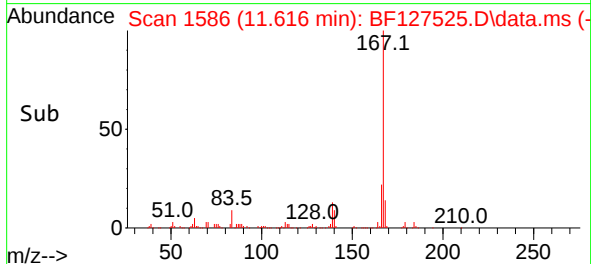
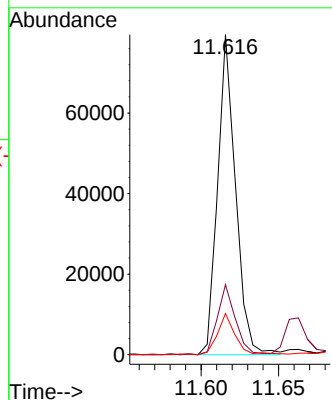
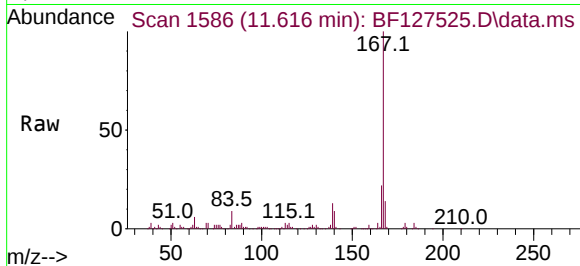




#73
 Carbazole
 Concen: 3.440 ng
 RT: 11.616 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF127525.D
 Acq: 25 Mar 2022 13:46

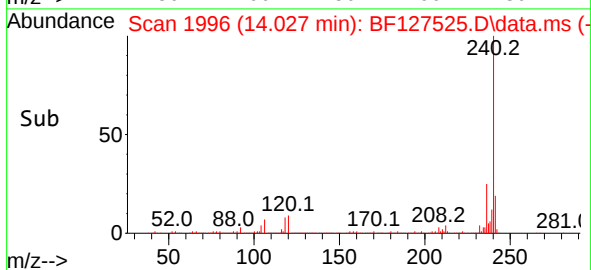
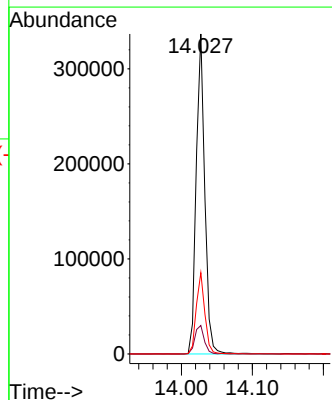
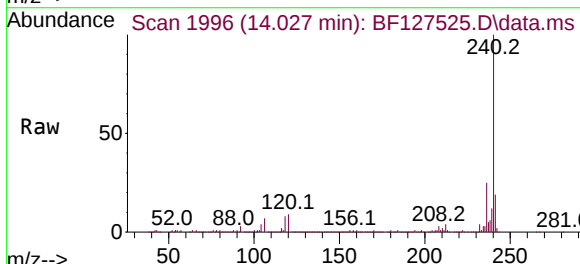
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A229

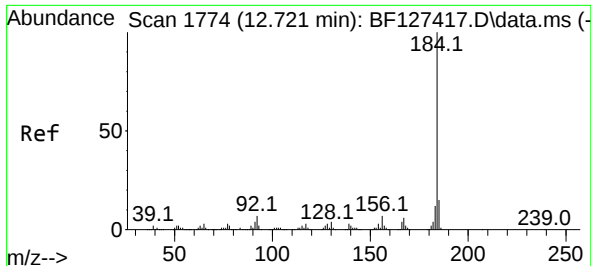
Tgt Ion:167	Resp:	63987
Ion Ratio	Lower	Upper
167	100	
166	21.9	17.0 25.4
139	12.8	10.5 15.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BF127525.D
 Acq: 25 Mar 2022 13:46

Tgt Ion:240	Resp:	283639
Ion Ratio	Lower	Upper
240	100	
120	8.9	7.1 10.7
236	25.4	20.7 31.1

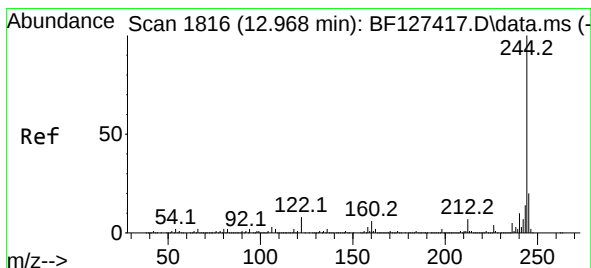
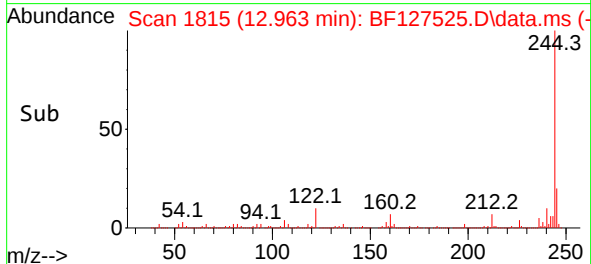
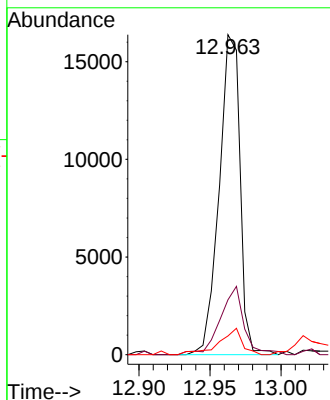
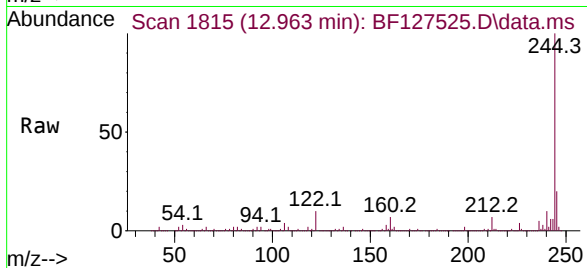




#77
Benzidine
Concen: 2.473 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

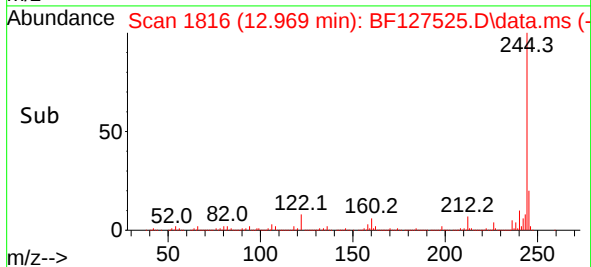
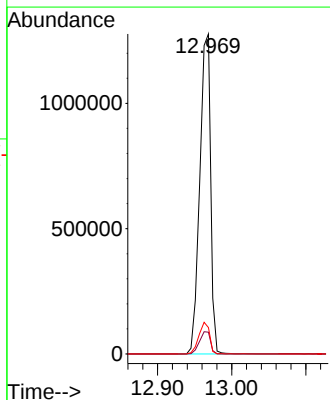
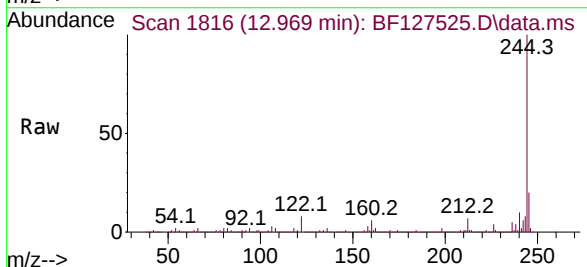
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

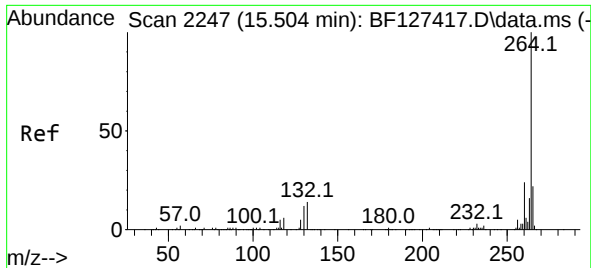
Tgt Ion:184 Resp: 16722
Ion Ratio Lower Upper
184 100
185 17.1 12.2 18.2
183 5.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.944 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

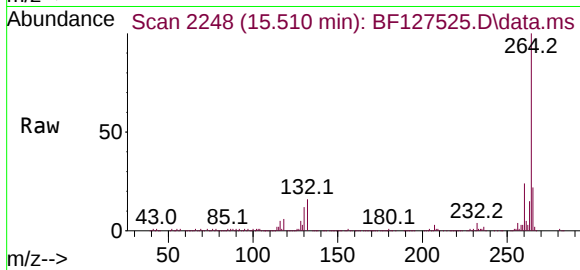
Tgt Ion:244 Resp: 1298523
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.2 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127525.D
 Acq: 25 Mar 2022 13:46

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A229



Tgt Ion:264 Resp: 204734
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 17.4 26.2

