

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)

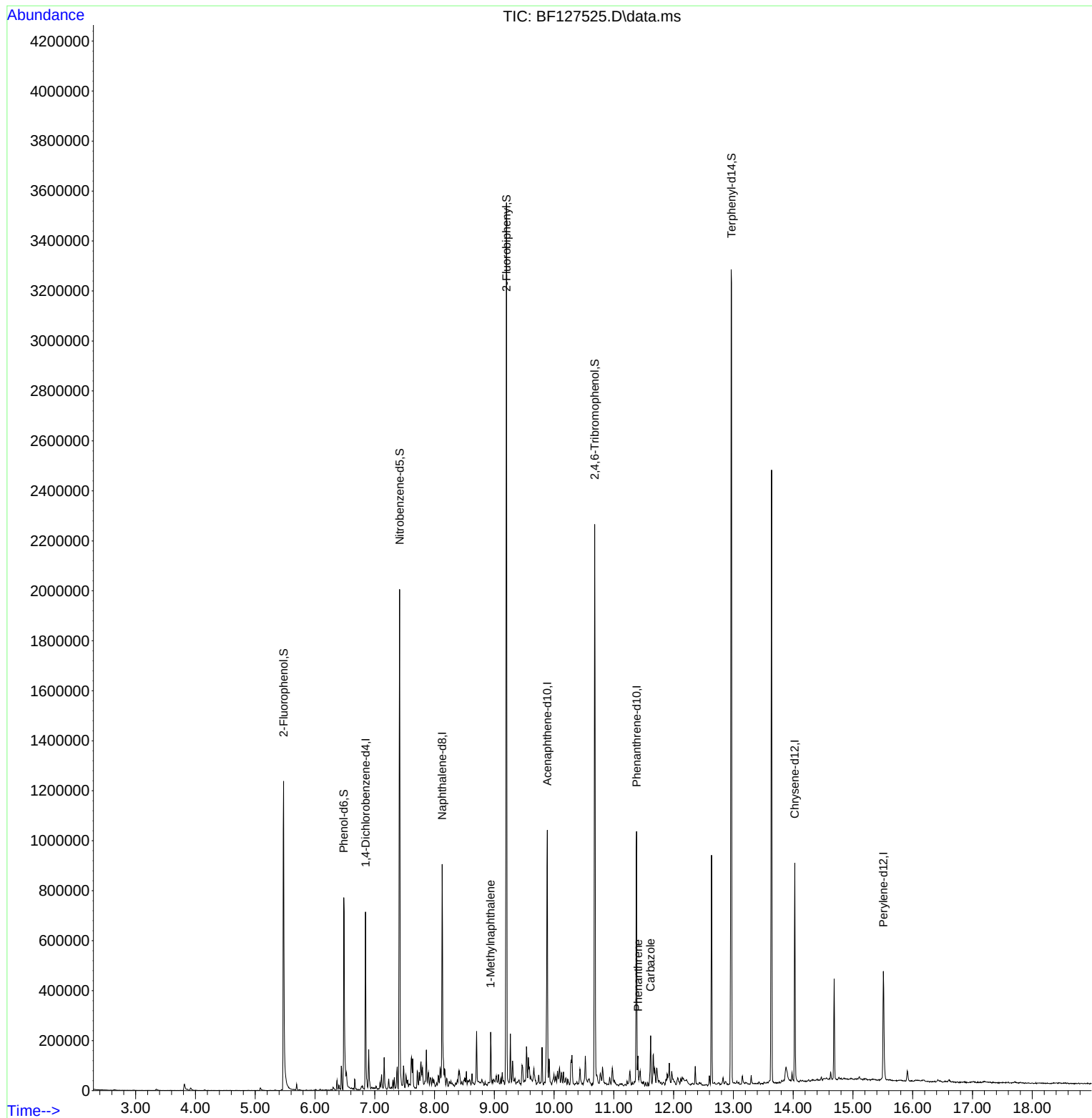
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	93144	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	336716	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197758	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	375960	20.000	ng	0.00
76) Chrysene-d12	14.027	240	283639	20.000	ng	0.00
86) Perylene-d12	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
38) 1-Methylnaphthalene	8.939	142	50309	4.426	ng	97
71) Phenanthrene	11.404	178	40197	2.051	ng	99
73) Carbazole	11.616	167	63987	3.440	ng	99

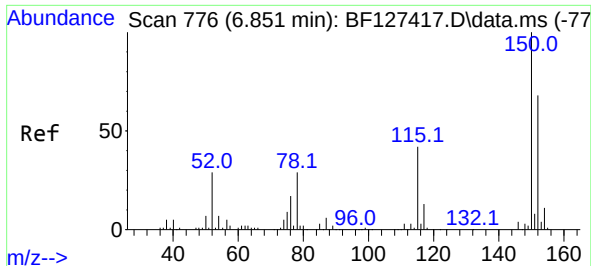
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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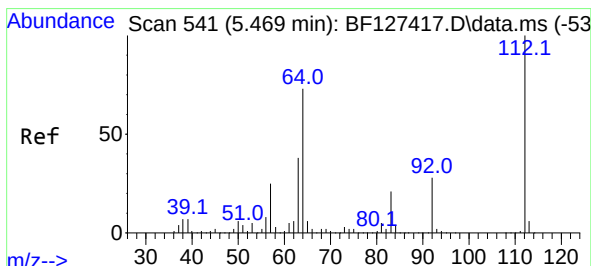
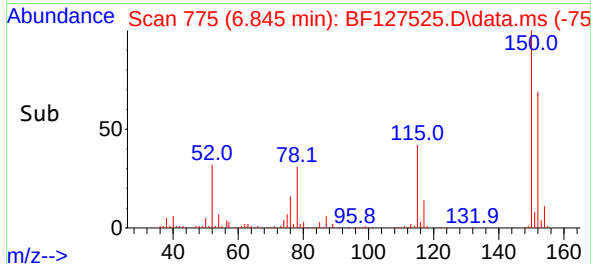
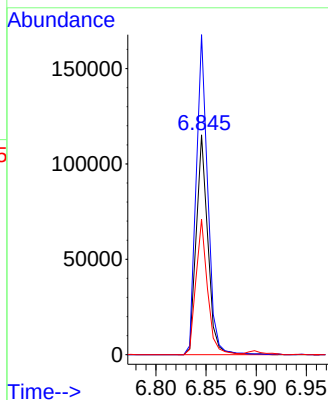
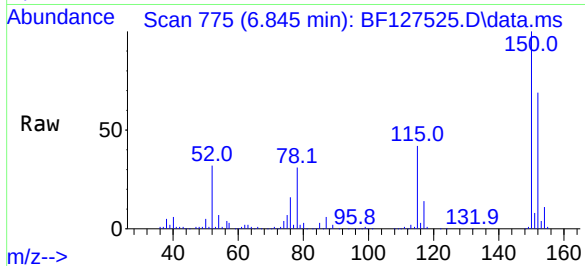




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

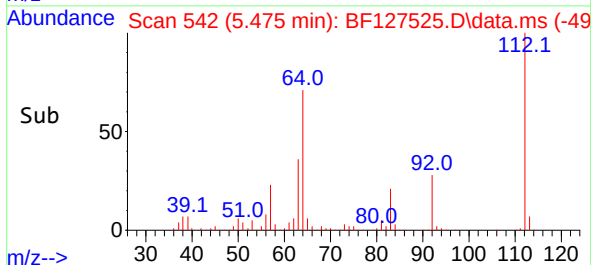
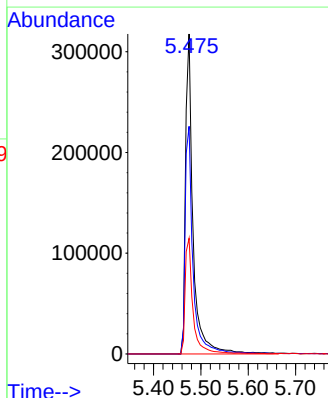
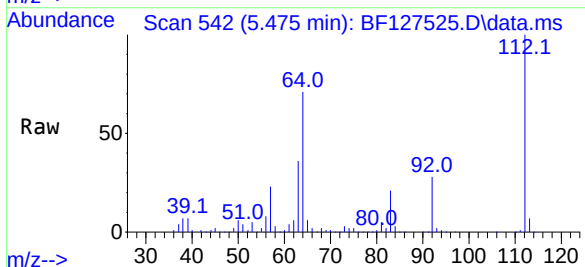
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

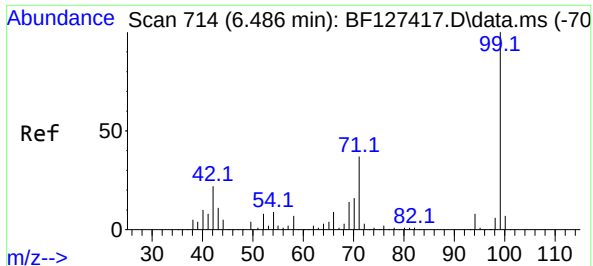
Tgt Ion:152 Resp: 93144
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 61.6 49.8 74.6



#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

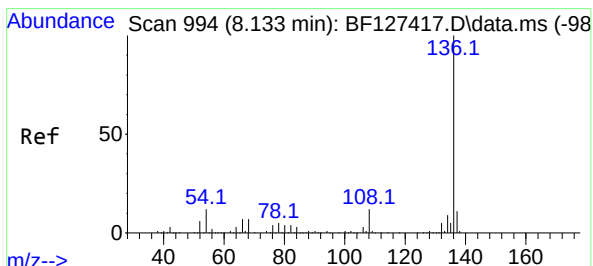
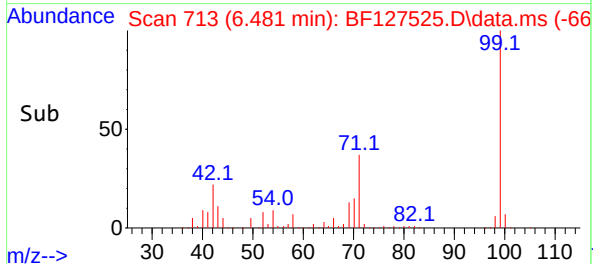
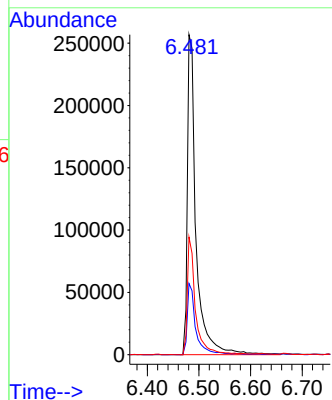
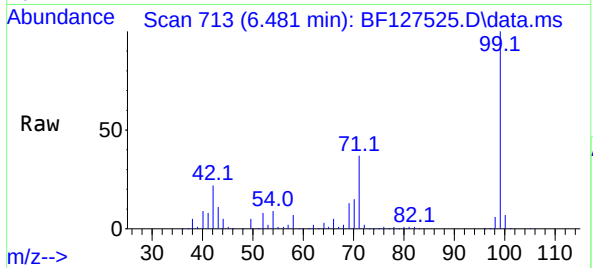




#7
Phenol-d6
Concen: 37.754 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

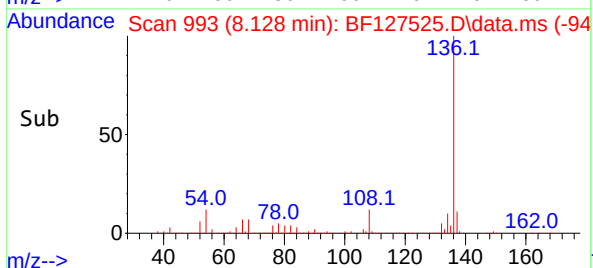
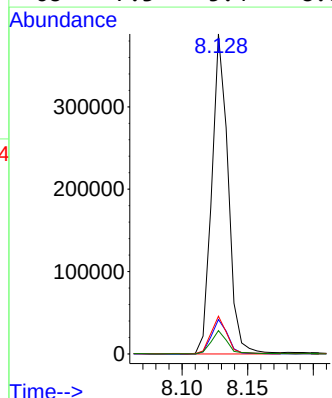
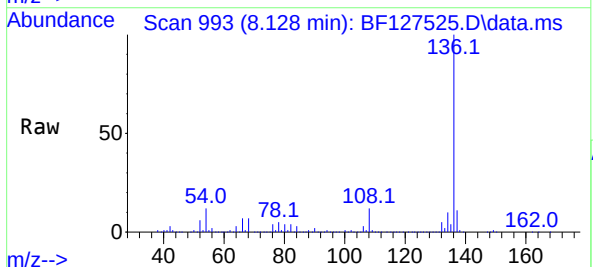
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

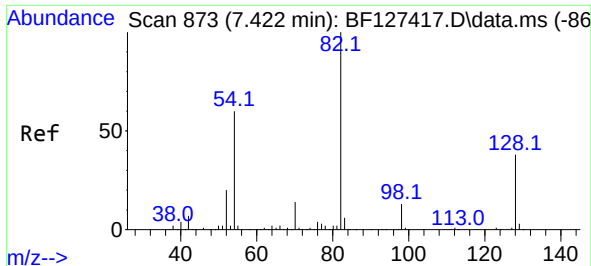
Tgt Ion: 99 Resp: 301143
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 36.7 29.6 44.4



#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

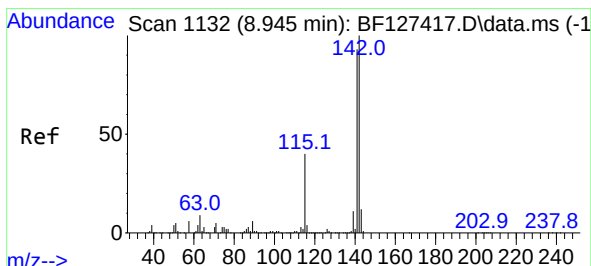
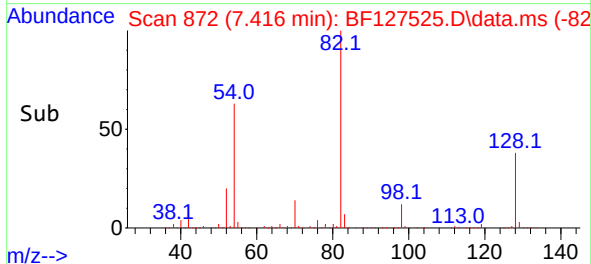
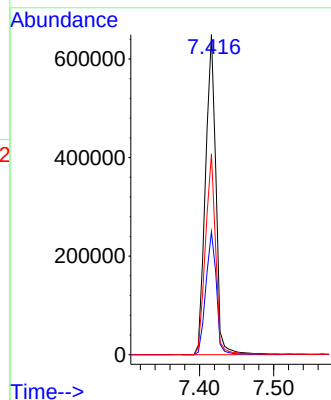
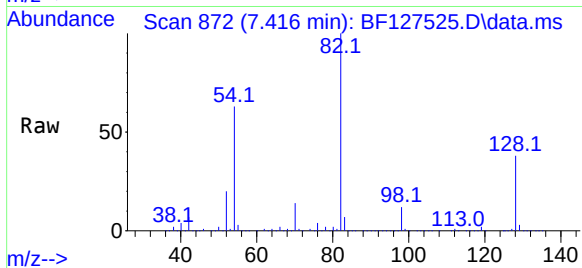




#23
Nitrobenzene-d5
Concen: 80.918 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

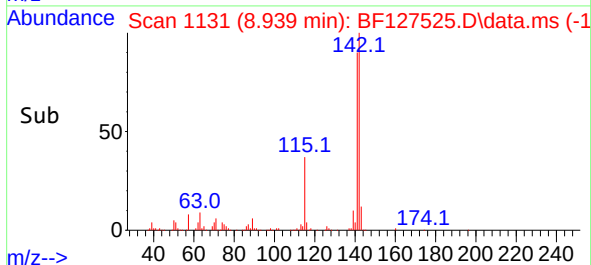
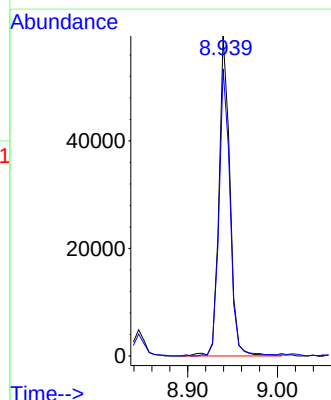
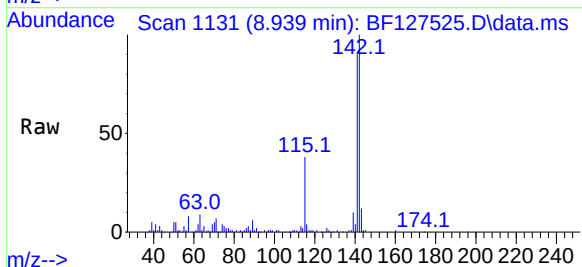
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A229

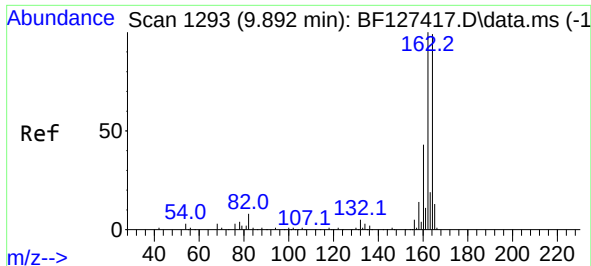
Tgt Ion: 82 Resp: 637407
Ion Ratio Lower Upper
82 100
128 38.4 30.6 45.8
54 62.7 48.2 72.2



#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

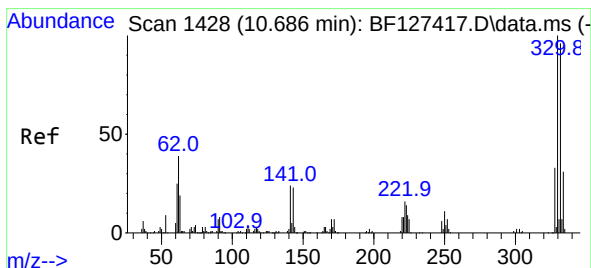
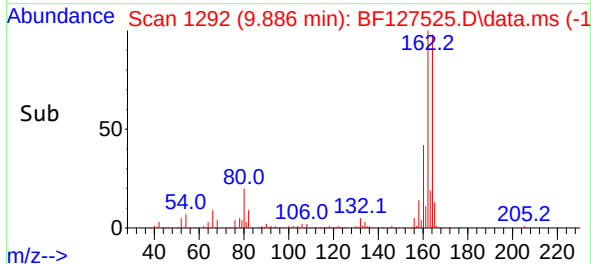
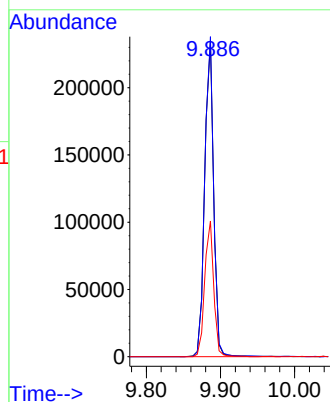
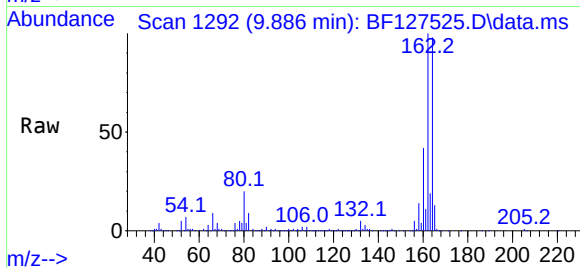
Tgt Ion:164 Resp: 197758

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

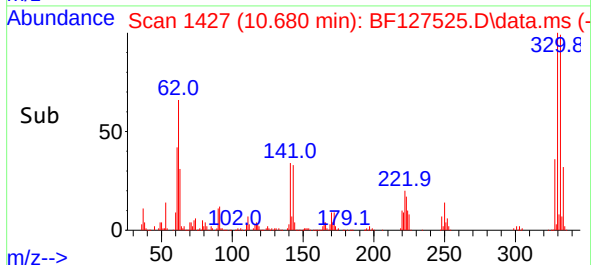
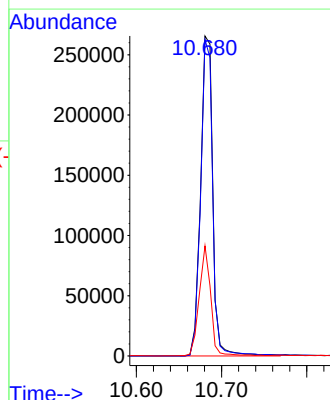
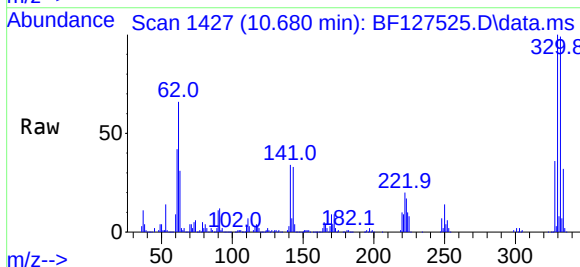
Tgt Ion:330 Resp: 264114

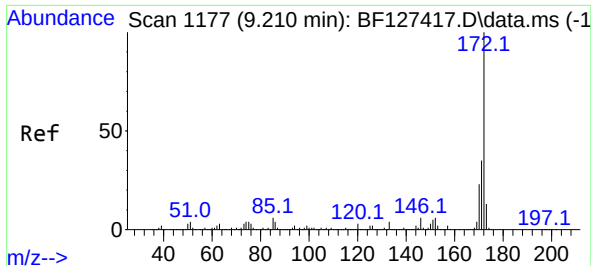
Ion Ratio Lower Upper

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

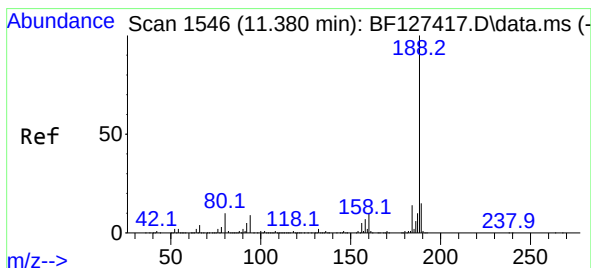
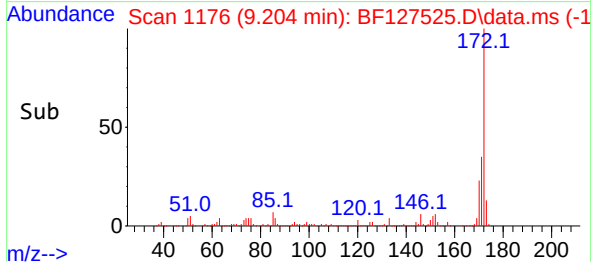
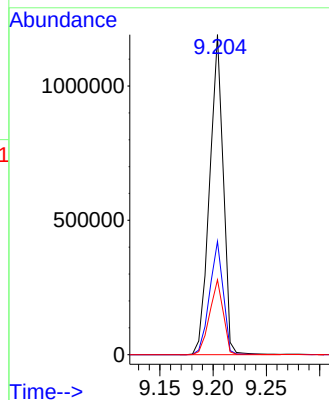
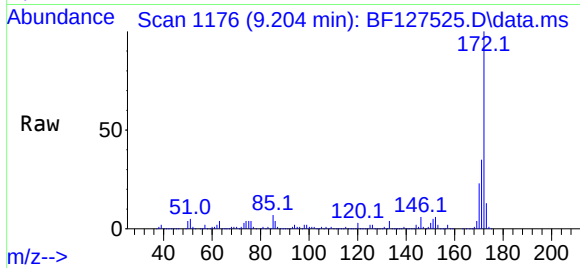
Tgt Ion:172 Resp: 1064171

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF127525.D

Acq: 25 Mar 2022 13:46

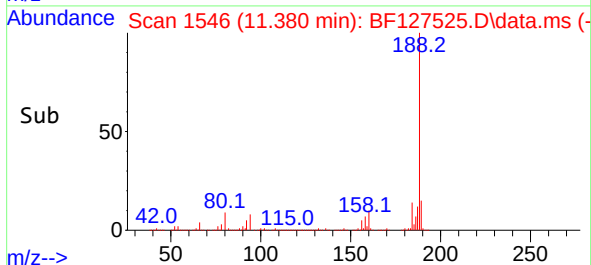
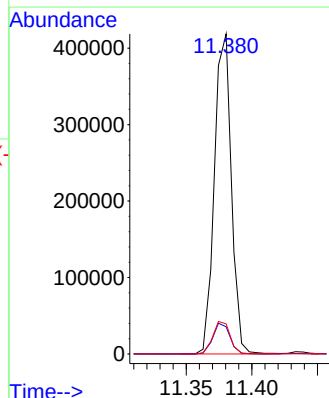
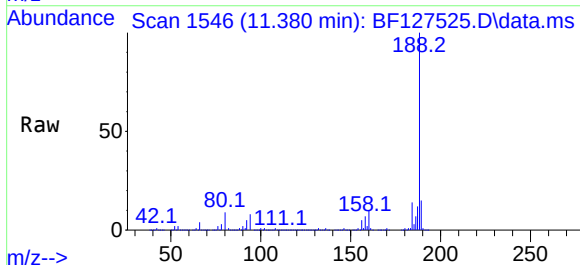
Tgt Ion:188 Resp: 375960

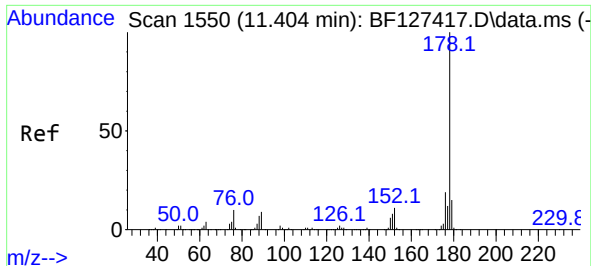
Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 9.4 8.0 12.0

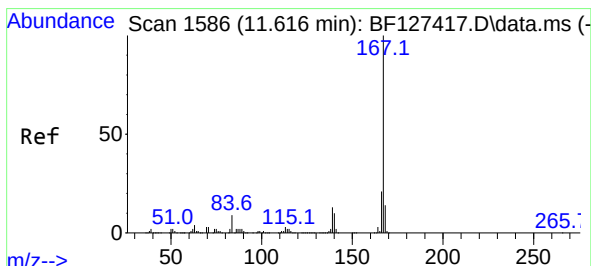
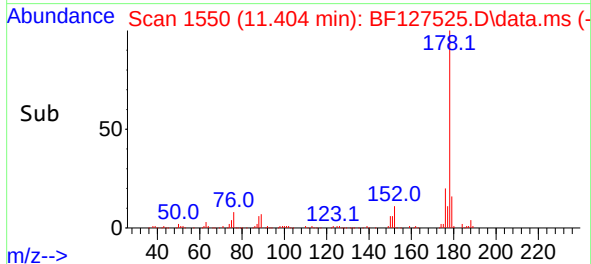
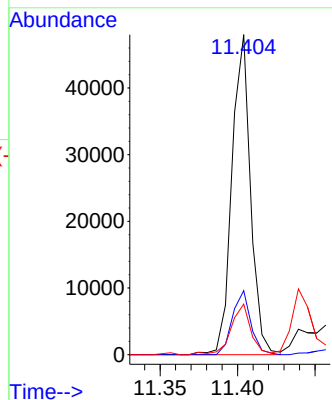
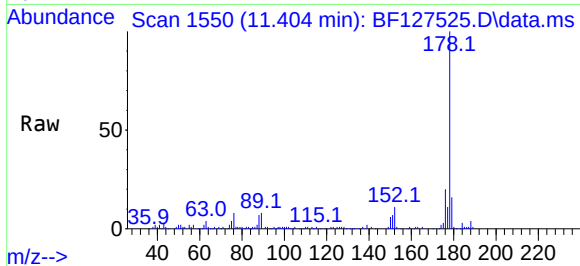




#71
Phenanthrene
Concen: 2.051 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

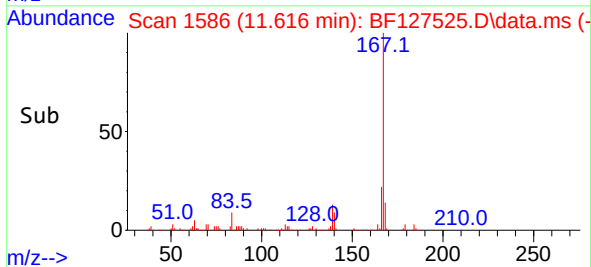
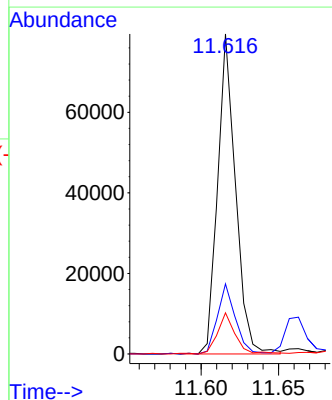
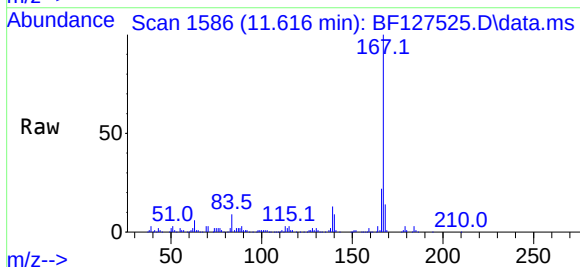
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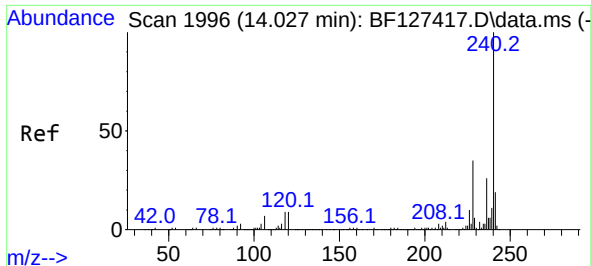
Tgt Ion:	178	Resp:	40197
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	15.8	12.4	18.6



#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

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

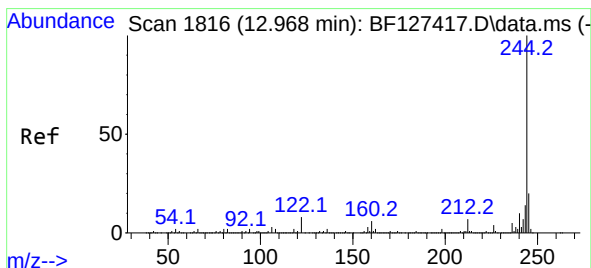
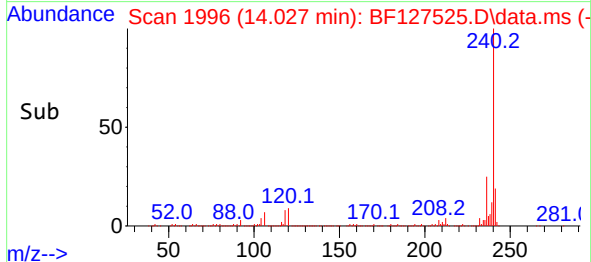
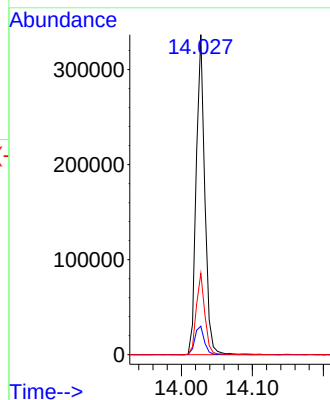
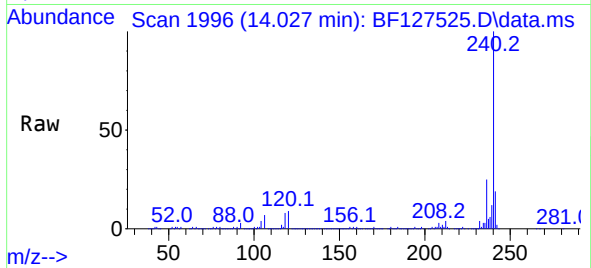




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127525.D
Acq: 25 Mar 2022 13:46

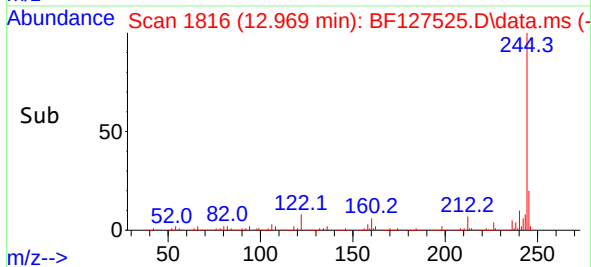
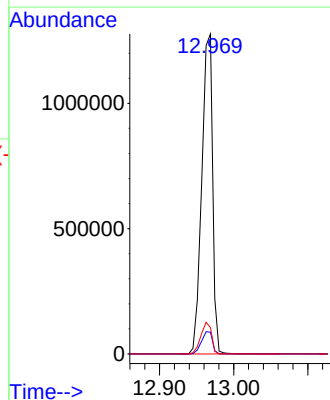
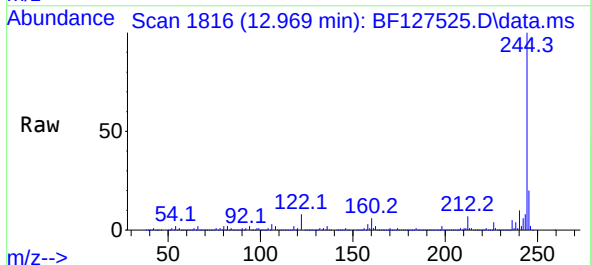
Instrument :
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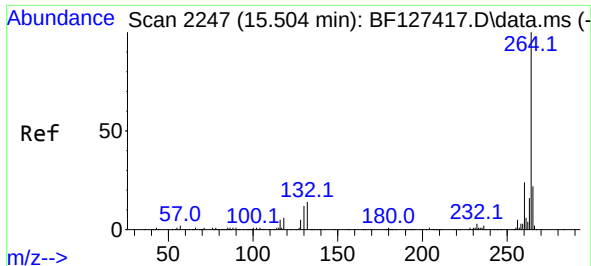
Tgt Ion:240 Resp: 283639
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.4 20.7 31.1



#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

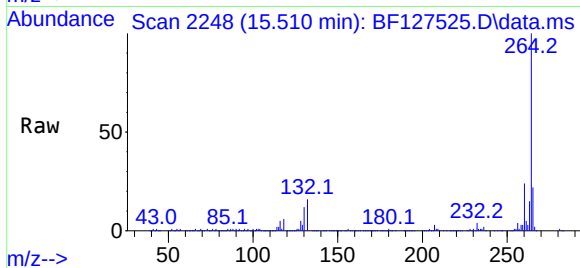
Acq: 25 Mar 2022 13:46

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

