

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127516.D
 Acq On : 24 Mar 2022 21:43
 Operator : CG\JU
 Sample : N2057-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-7-BOTTOM

Quant Time: Mar 25 02:16:45 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	93218	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	326604	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172551	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	240506	20.000	ng	0.00
76) Chrysene-d12	14.021	240	197819	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	182347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	30774	5.270	ng	0.02
7) Phenol-d6	6.504	99	29492	3.694	ng	0.02
23) Nitrobenzene-d5	7.416	82	67788	8.872	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	9122	4.963	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	87317	7.389	ng	-0.01
79) Terphenyl-d14	12.957	244	49811	4.122	ng	-0.01

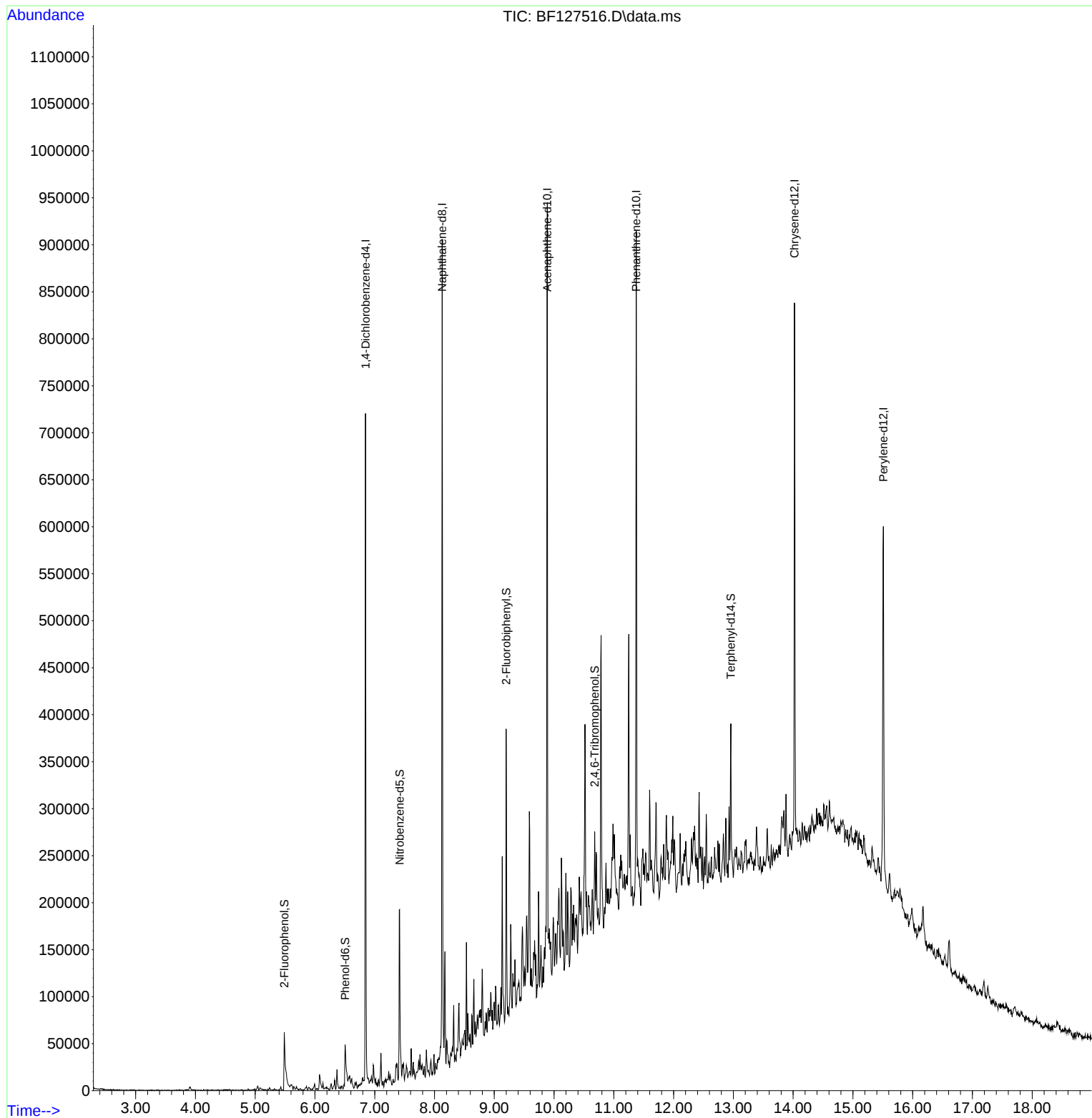
Target Compounds	Qvalue

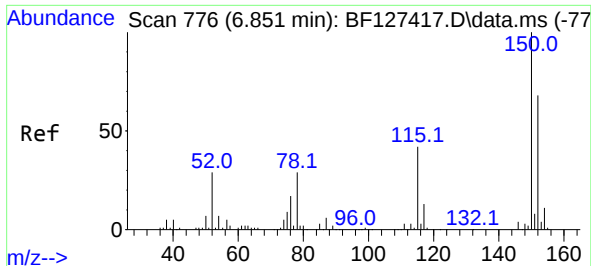
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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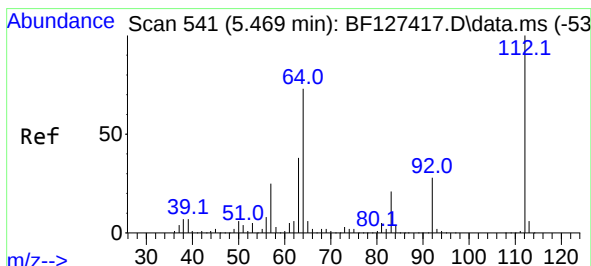
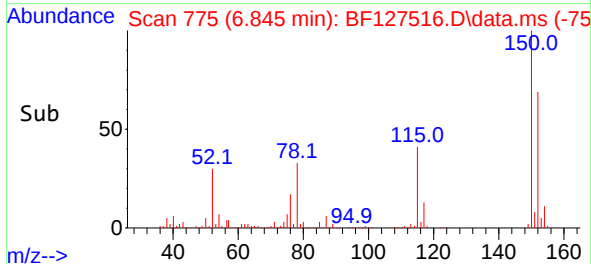
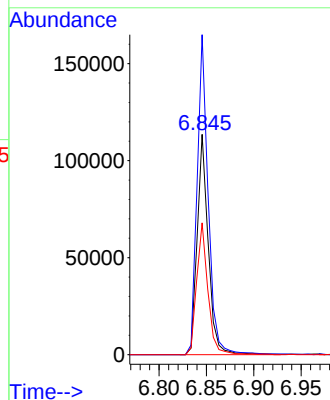
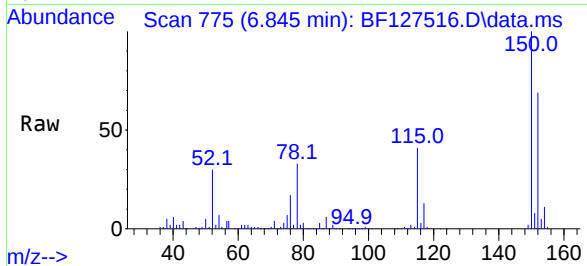




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

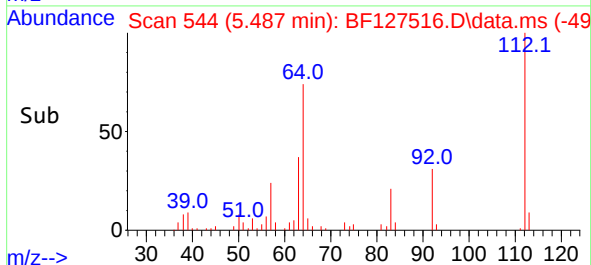
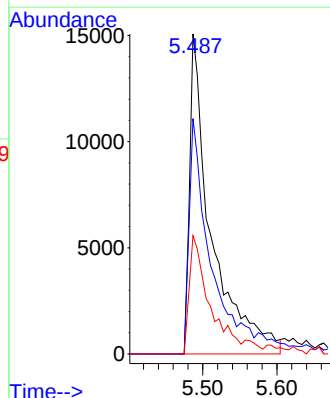
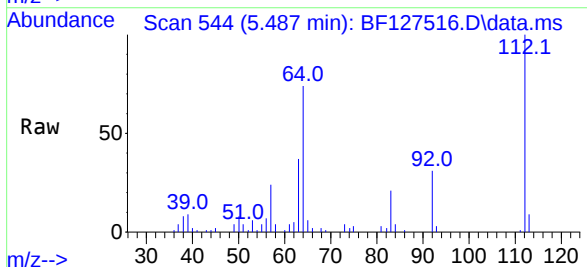
Instrument :
BNA_F
ClientSampleId :
UST-7-BOTTOM

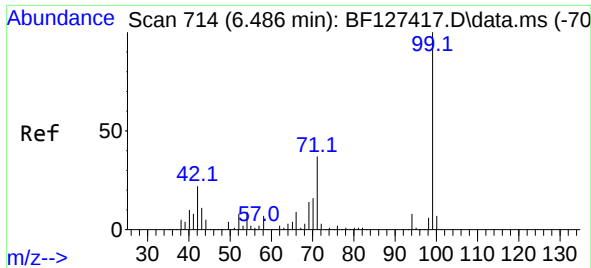
Tgt Ion:152 Resp: 93218
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 59.9 49.8 74.6



#5
2-Fluorophenol
Concen: 5.270 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

Tgt Ion:112 Resp: 30774
Ion Ratio Lower Upper
112 100
64 73.6 58.4 87.6
63 37.0 30.1 45.1



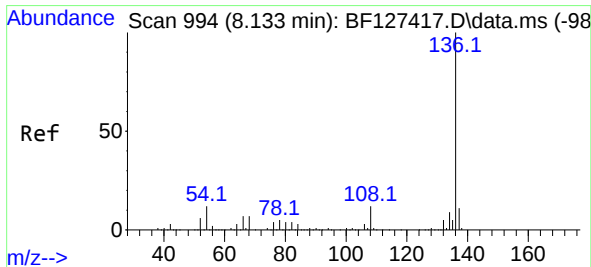
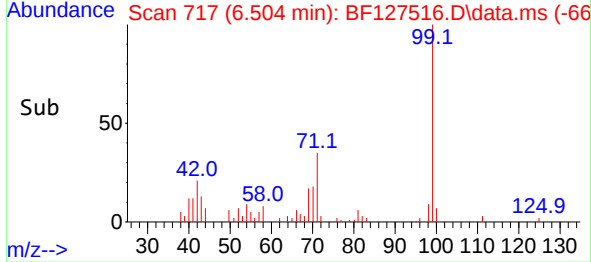
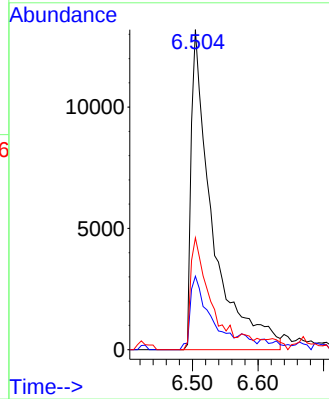
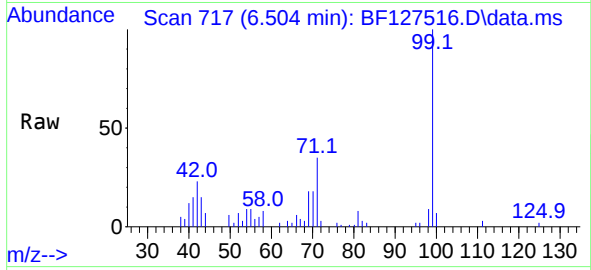


#7
Phenol-d6
Concen: 3.694 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.018 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 29492

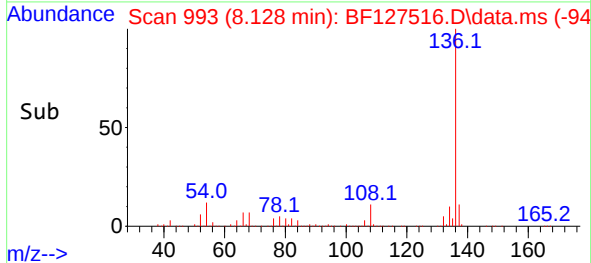
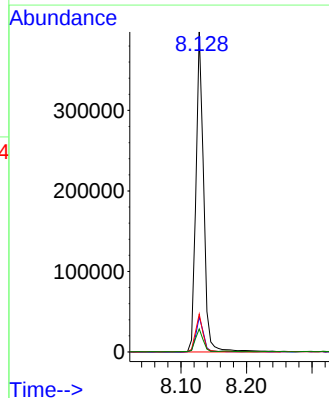
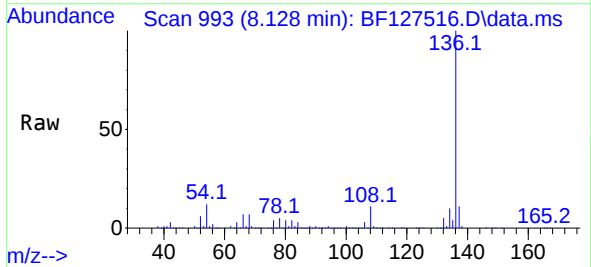
Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.8	26.6
71	35.0	29.6	44.4

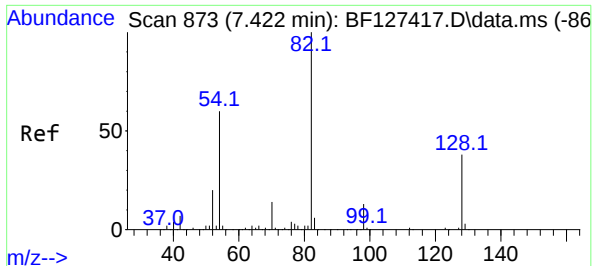


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

Tgt Ion: 136 Resp: 326604

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	11.9	9.2	13.8
68	7.2	5.4	8.0

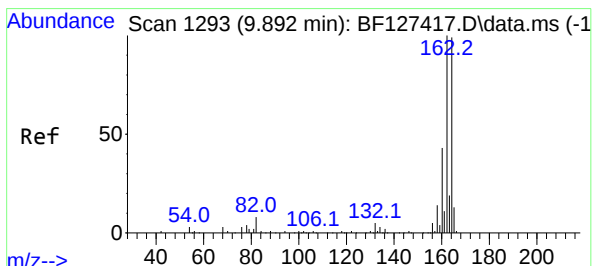
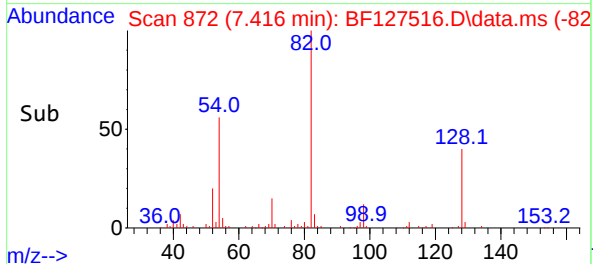
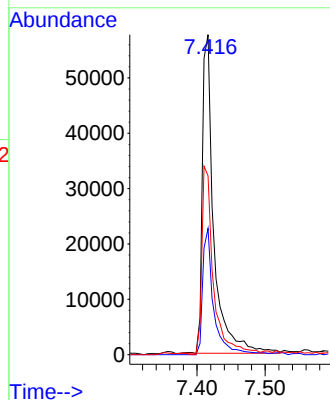
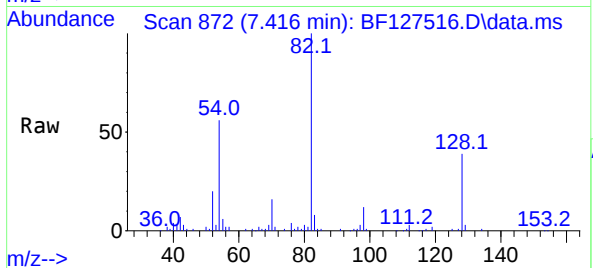




#23
Nitrobenzene-d5
Concen: 8.872 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

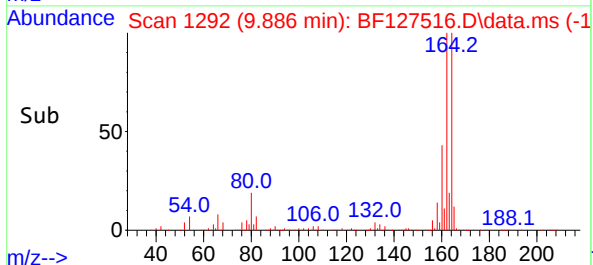
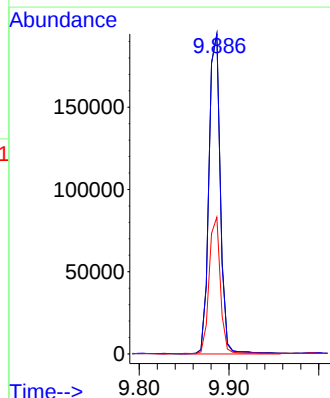
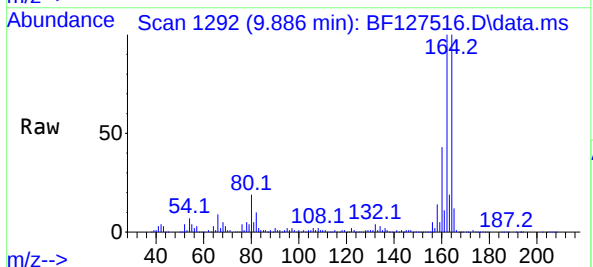
Instrument :
BNA_F
ClientSampleId :
UST-7-BOTTOM

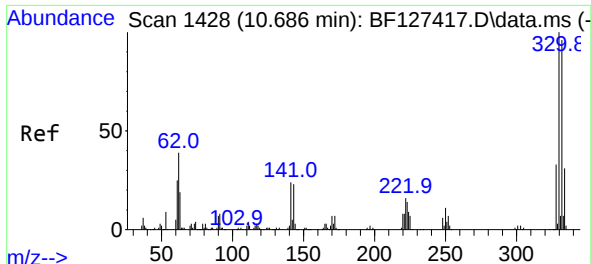
Tgt Ion: 82 Resp: 67788
Ion Ratio Lower Upper
82 100
128 39.4 30.6 45.8
54 55.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

Tgt Ion:164 Resp: 172551
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 42.7 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 4.963 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127516.D

Acq: 24 Mar 2022 21:43

Instrument :

BNA_F

ClientSampleId :

UST-7-BOTTOM

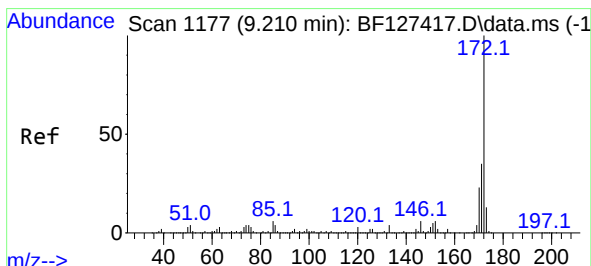
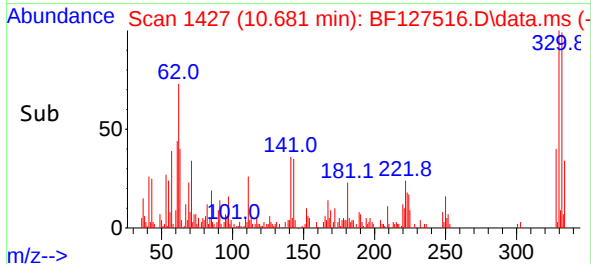
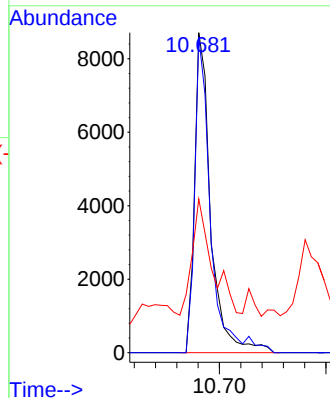
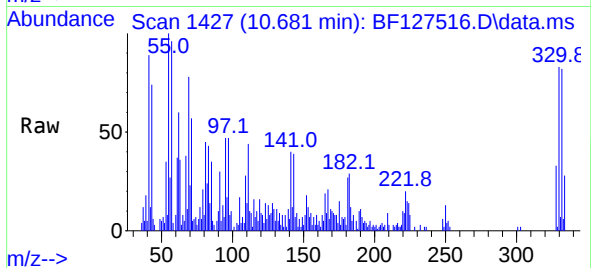
Tgt Ion:330 Resp: 9122

Ion Ratio Lower Upper

330 100

332 97.4 79.1 118.7

141 45.0 26.2 39.4#



#45

2-Fluorobiphenyl

Concen: 7.389 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF127516.D

Acq: 24 Mar 2022 21:43

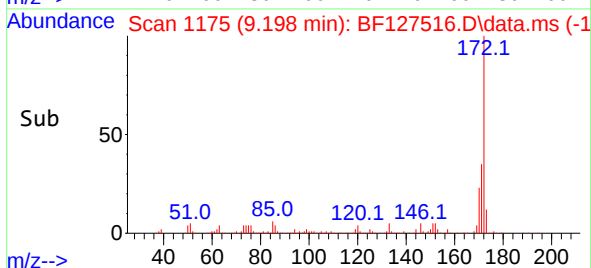
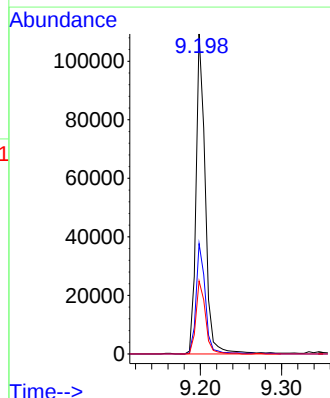
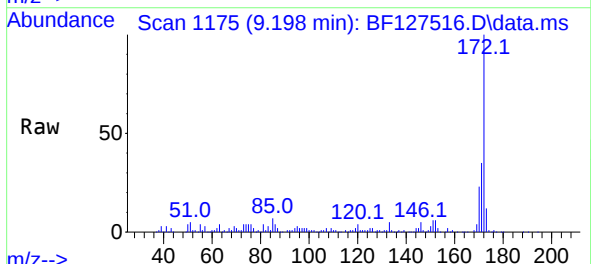
Tgt Ion:172 Resp: 87317

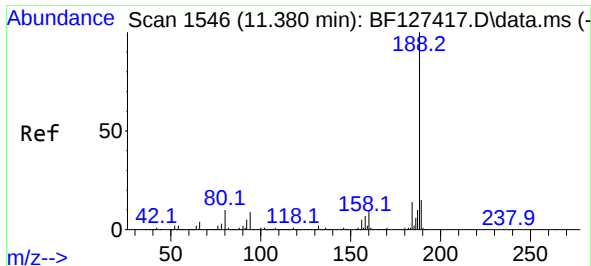
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 22.8 18.6 27.8

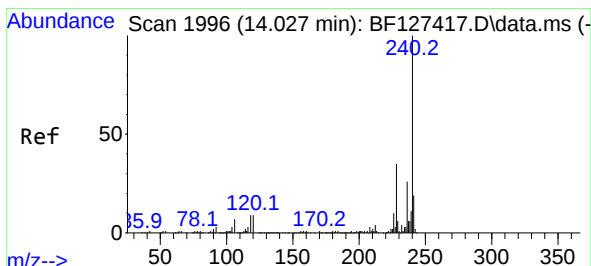
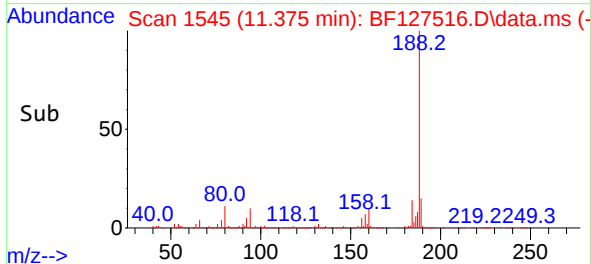
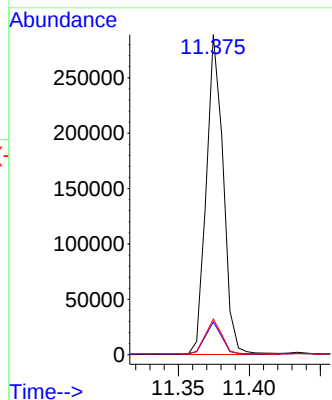
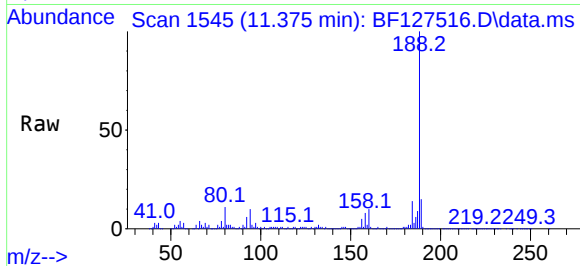




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

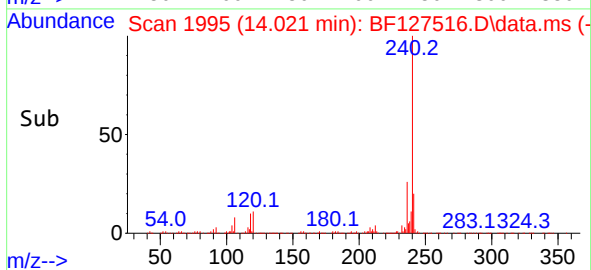
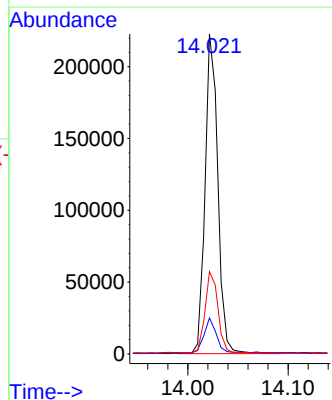
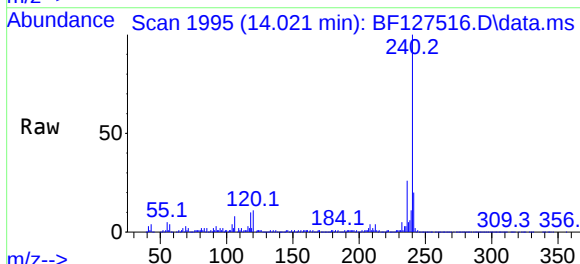
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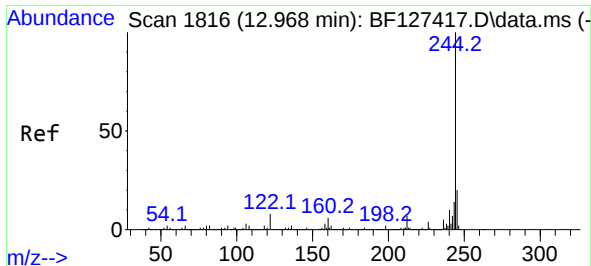
Tgt Ion:188 Resp: 240506
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127516.D
Acq: 24 Mar 2022 21:43

Tgt Ion:240 Resp: 197819
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.8 20.7 31.1

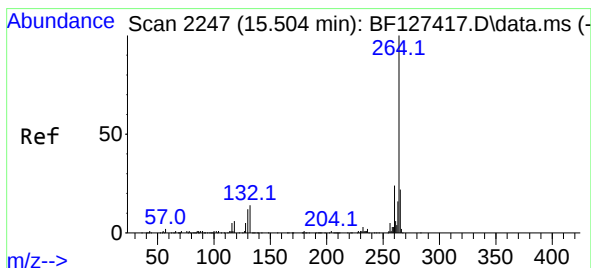
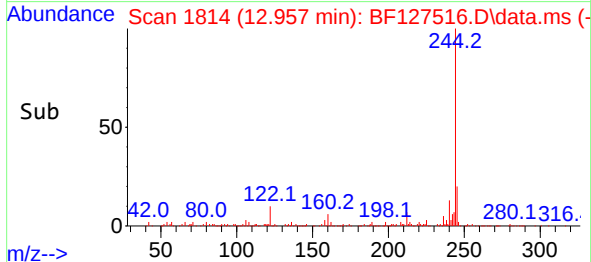
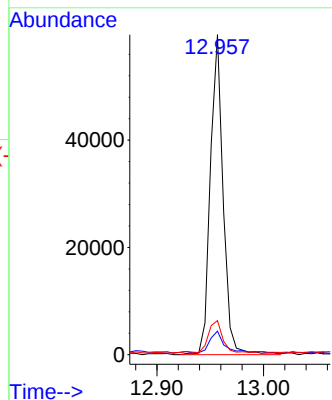
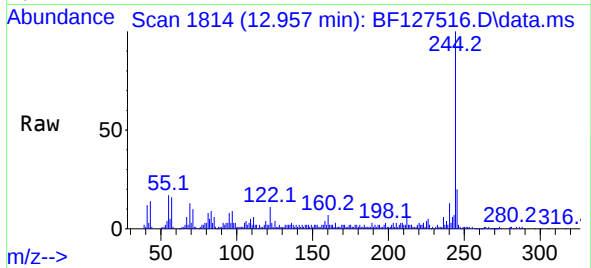




#79
 Terphenyl-d14
 Concen: 4.122 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF127516.D
 Acq: 24 Mar 2022 21:43

Instrument :
 BNA_F
 ClientSampleId :
 UST-7-BOTTOM

Tgt Ion:244 Resp: 49811
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.7 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127516.D
 Acq: 24 Mar 2022 21:43

Tgt Ion:264 Resp: 182347
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 20.9 17.4 26.2

