

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127385.D
 Acq On : 17 Mar 2022 19:41
 Operator : CG\JU
 Sample : N1956-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPK-4

Quant Time: Mar 18 04:40:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

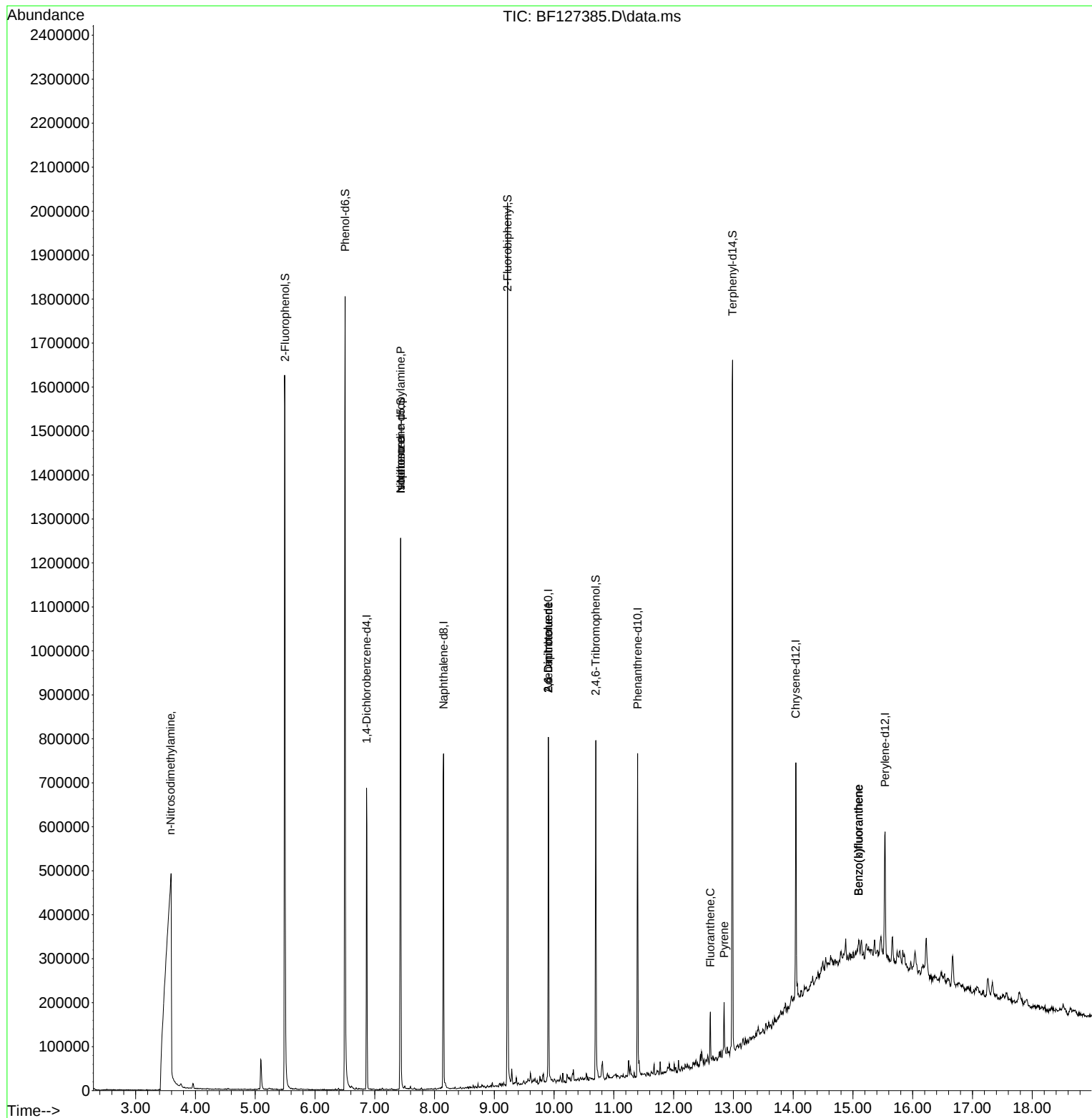
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95641	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	312138	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	150933	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	245059	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	180371	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	128681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	410413	68.983	ng	0.00
7) Phenol-d6	6.504	99	561866	68.651	ng	0.00
23) Nitrobenzene-d5	7.434	82	378451	50.072	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	78495	48.311	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	583543	54.661	ng	-0.01
79) Terphenyl-d14	12.986	244	571168	54.528	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.587	42	64925	14.275	ng	# 1
9) Benzaldehyde	6.504	77	999	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	7.434	70	50791	9.945	ng	# 87
25) Isophorone	7.434	82	378448	31.139	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	19845	9.071	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	19845	6.894	ng	# 16
75) Fluoranthene	12.616	202	42510	2.939	ng	91
78) Pyrene	12.845	202	38803	2.762	ng	97
88) Benzo(b)fluoranthene	15.098	252	19253	2.279	ng	# 71
89) Benzo(k)fluoranthene	15.098	252	19253	2.424	ng	# 69

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

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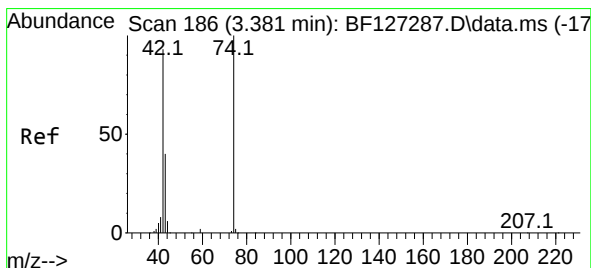
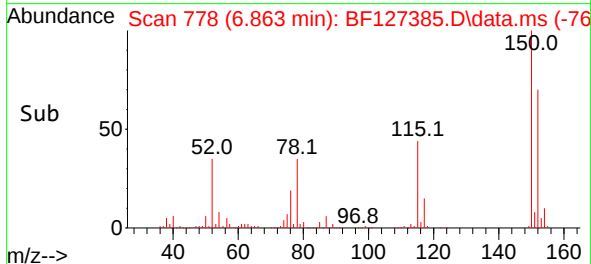
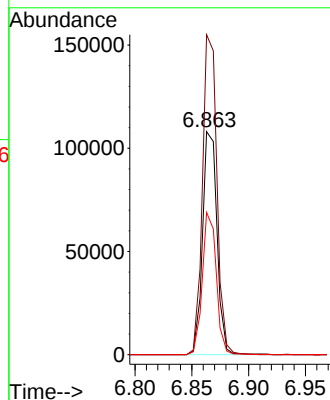
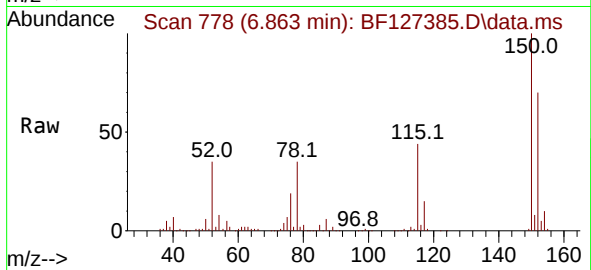




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

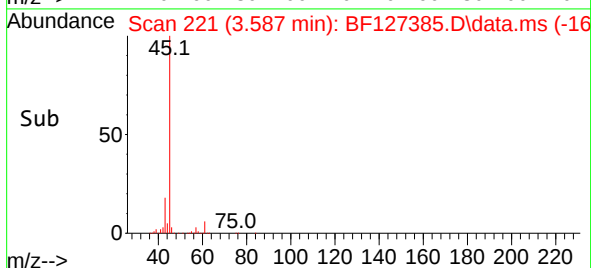
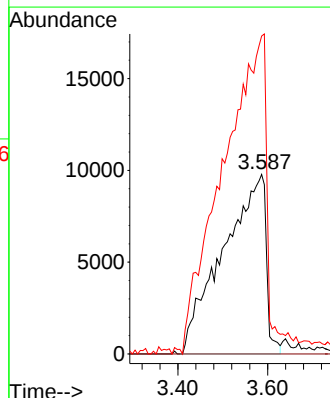
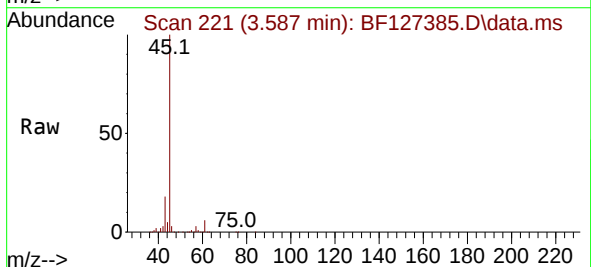
Instrument :
BNA_F
ClientSampleId :
TPK-4

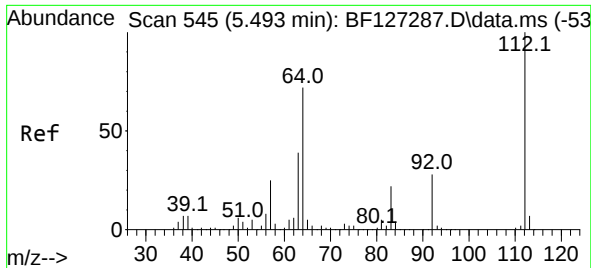
Tgt Ion:152 Resp: 95641
Ion Ratio Lower Upper
152 100
150 143.4 128.1 192.1
115 63.8 56.7 85.1



#4
n-Nitrosodimethylamine
Concen: 14.275 ng
RT: 3.587 min Scan# 221
Delta R.T. 0.206 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion: 42 Resp: 64925
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 177.1 5.7 8.5#

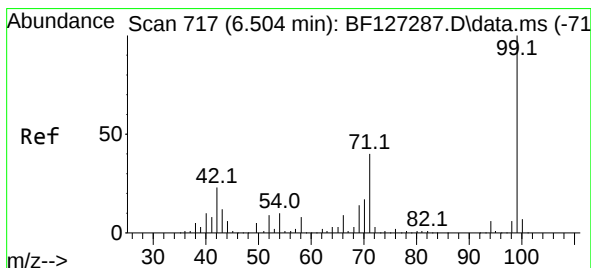
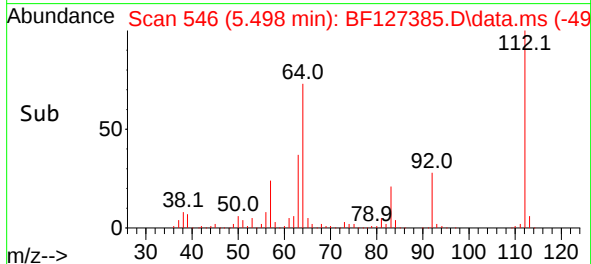
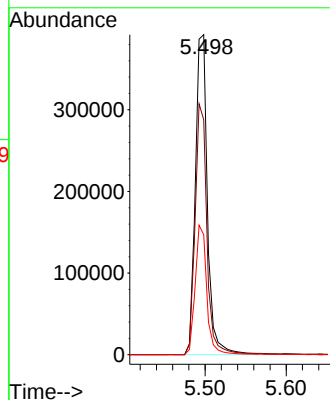
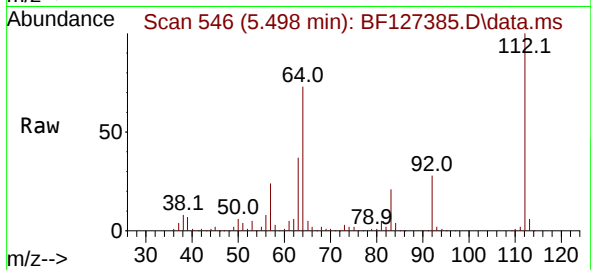




#5
2-Fluorophenol
Concen: 68.983 ng
RT: 5.498 min Scan# 545
Delta R.T. 0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

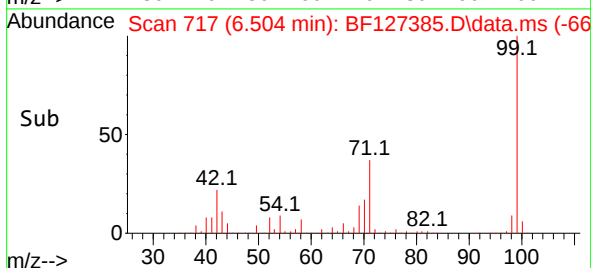
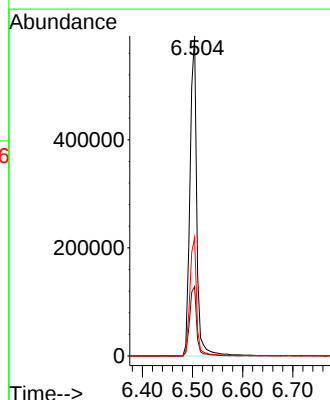
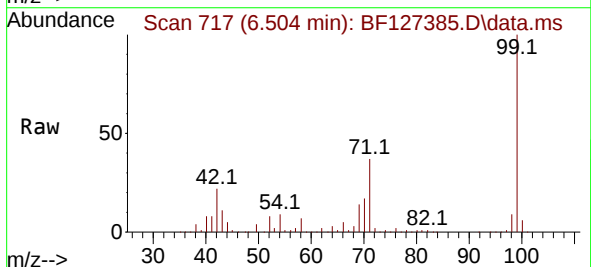
Instrument :
BNA_F
ClientSampleId :
TPK-4

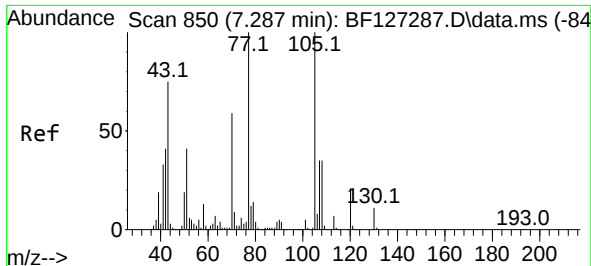
Tgt Ion:112 Resp: 410413
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 37.5 23.9 35.9#



#7
Phenol-d6
Concen: 68.651 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion: 99 Resp: 561866
Ion Ratio Lower Upper
99 100
42 21.7 14.2 21.4#
71 37.0 24.3 36.5#

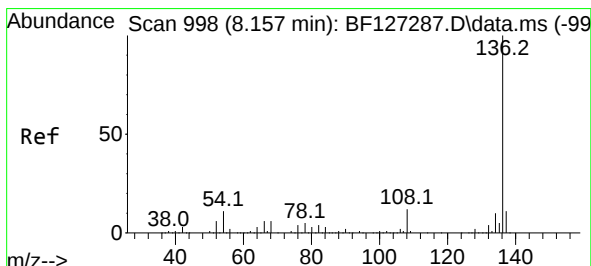
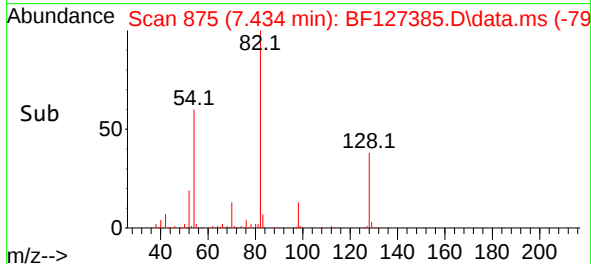
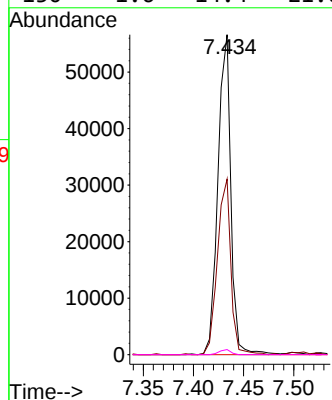
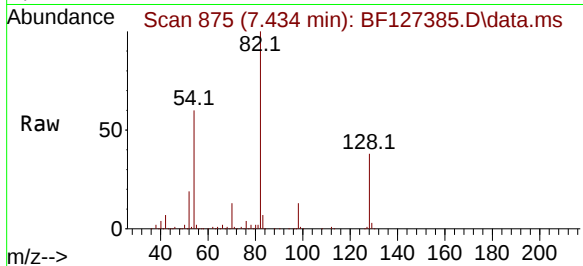




#19
n-Nitroso-di-n-propylamine
Concen: 9.945 ng
RT: 7.434 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

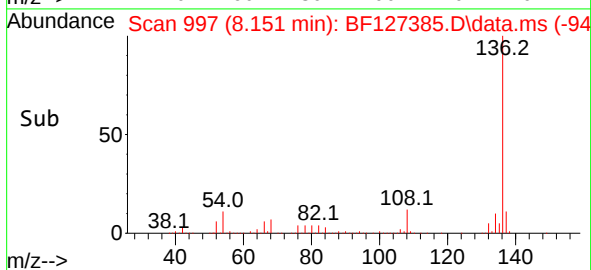
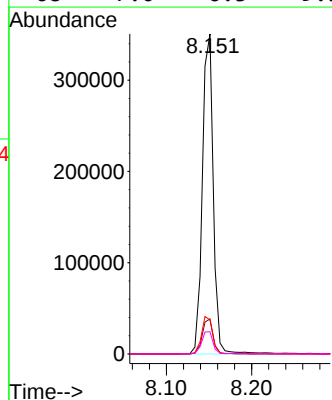
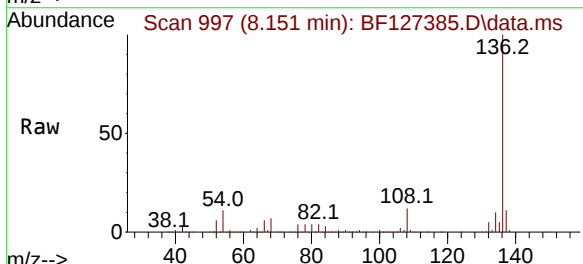
Instrument :
BNA_F
ClientSampleId :
TPK-4

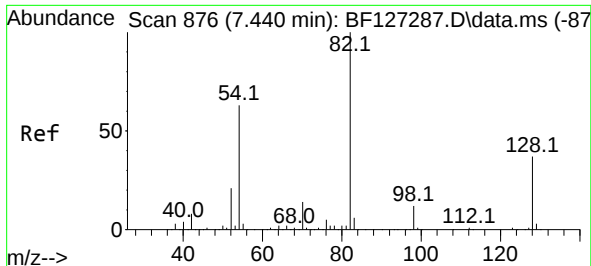
Tgt Ion:	70	Resp:	50791
Ion	Ratio	Lower	Upper
70	100		
42	54.9	45.8	68.8
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:	136	Resp:	312138
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.7	7.8	11.6
68	7.0	6.3	9.5

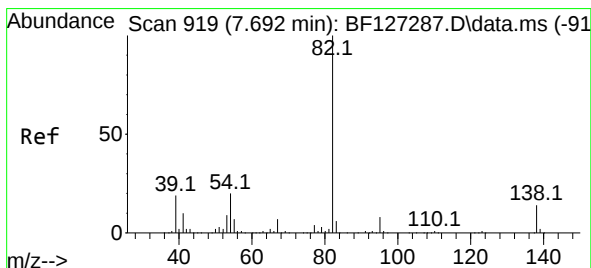
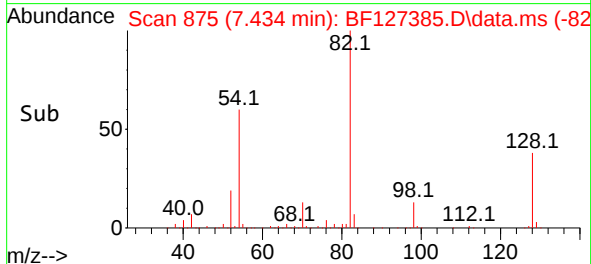
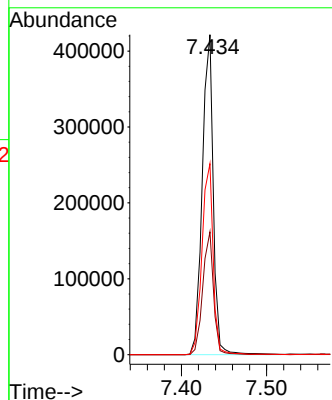
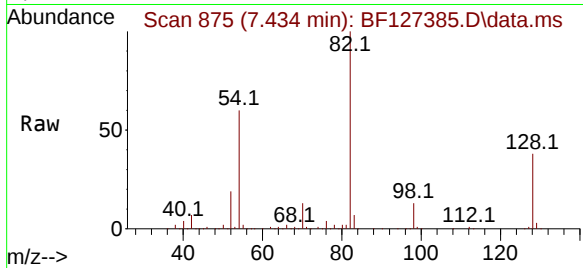




#23
Nitrobenzene-d5
Concen: 50.072 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

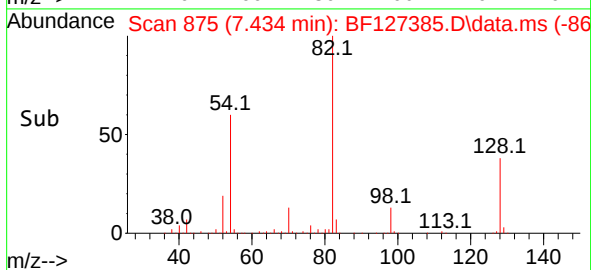
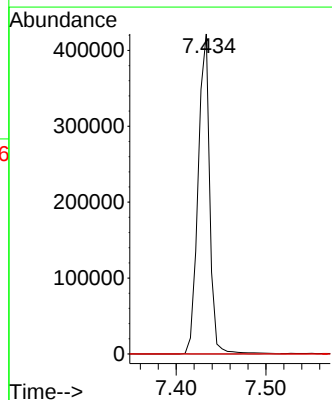
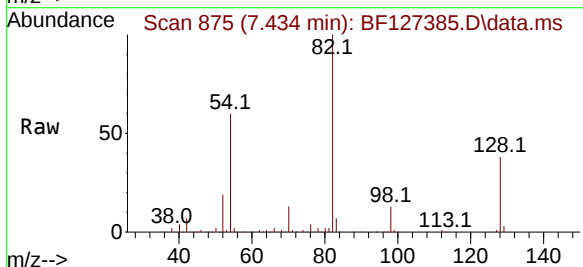
Instrument :
BNA_F
ClientSampleId :
TPK-4

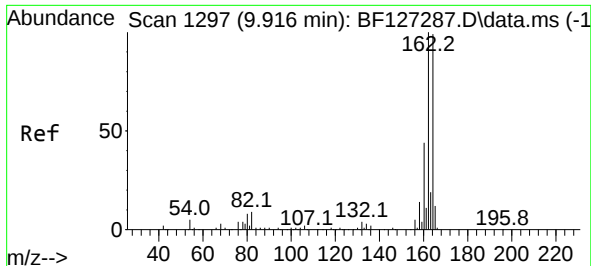
Tgt Ion: 82 Resp: 378451
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 59.7 41.7 62.5



#25
Isophorone
Concen: 31.139 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.259 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion: 82 Resp: 378448
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

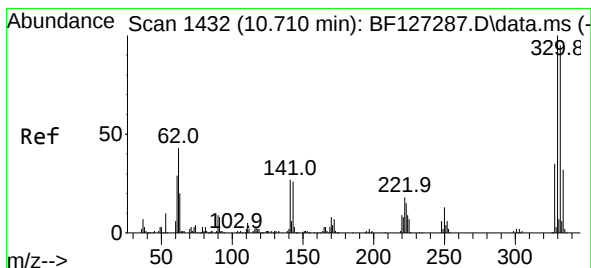
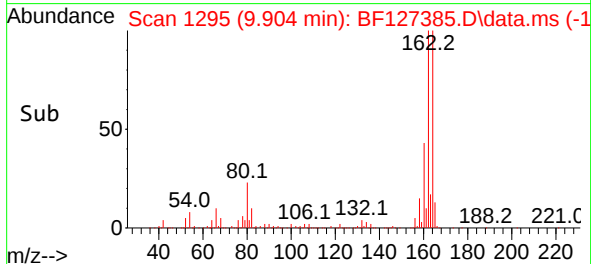
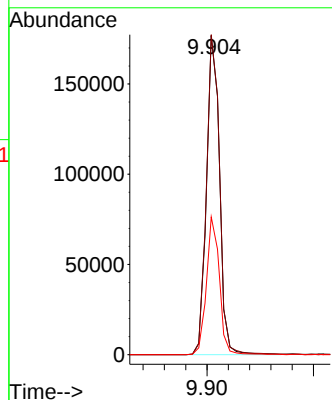
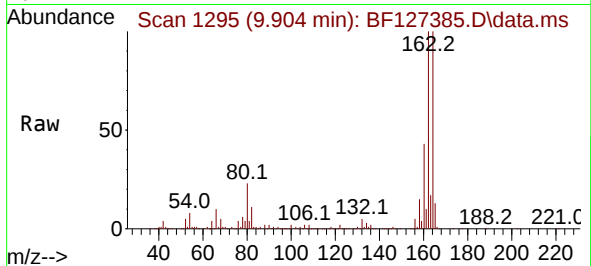




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

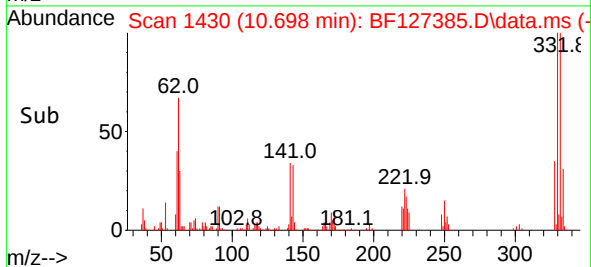
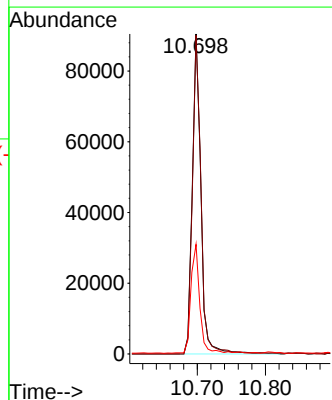
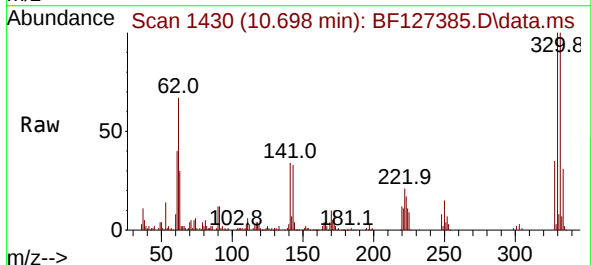
Instrument :
BNA_F
ClientSampleId :
TPK-4

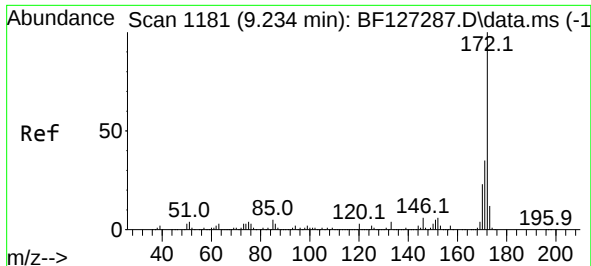
Tgt Ion:164 Resp: 150933
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 48.311 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:330 Resp: 78495
Ion Ratio Lower Upper
330 100
332 98.8 76.0 114.0
141 34.9 30.1 45.1

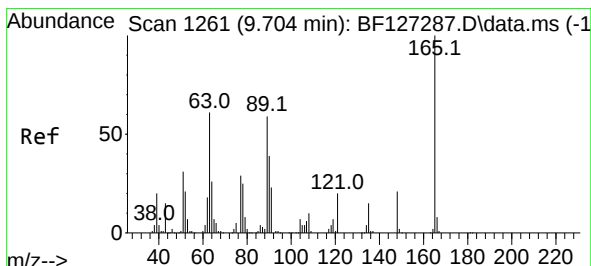
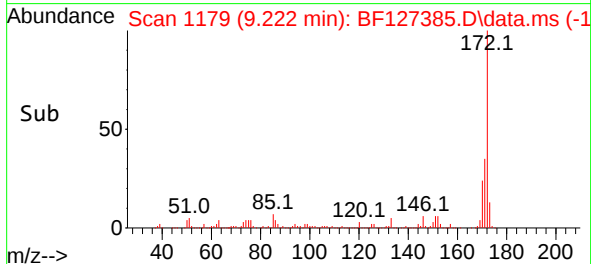
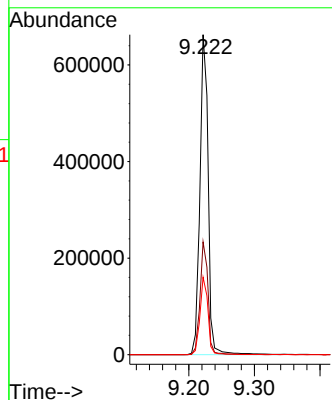
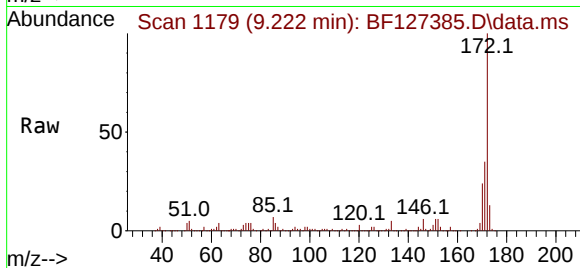




#45
2-Fluorobiphenyl
Concen: 54.661 ng
RT: 9.222 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

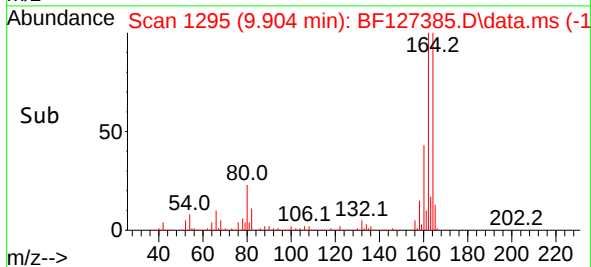
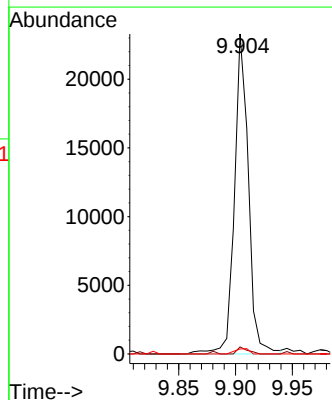
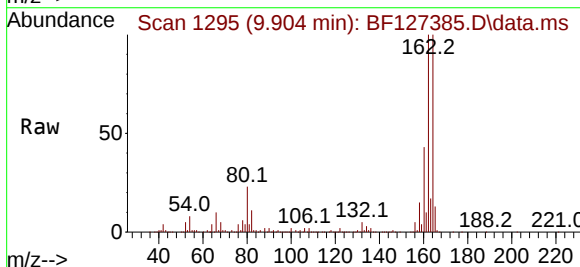
Instrument :
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TPK-4

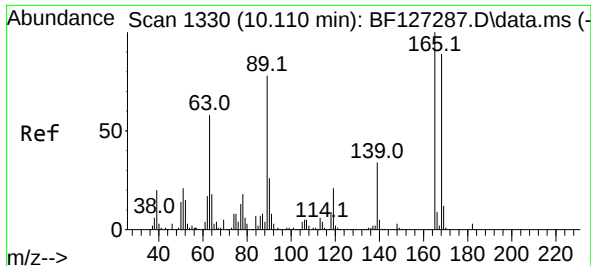
Tgt Ion:172 Resp: 583543
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.2 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.071 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:165 Resp: 19845
Ion Ratio Lower Upper
165 100
63 2.2 48.4 72.6#
89 1.5 50.5 75.7#

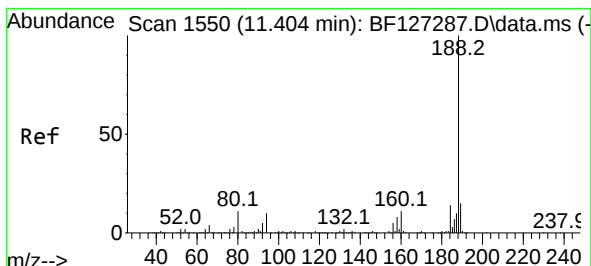
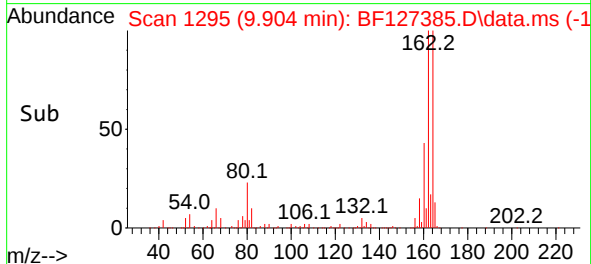
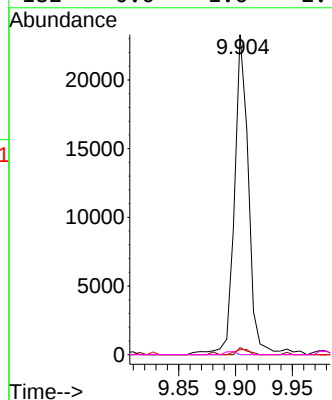
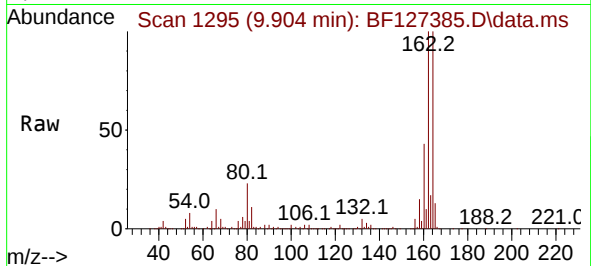




#57
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

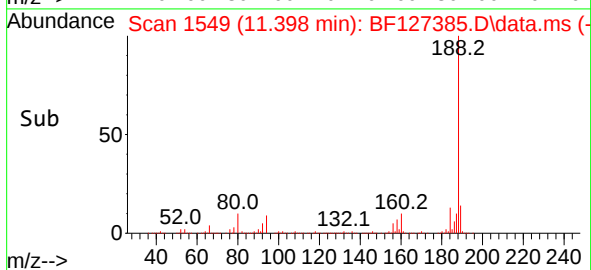
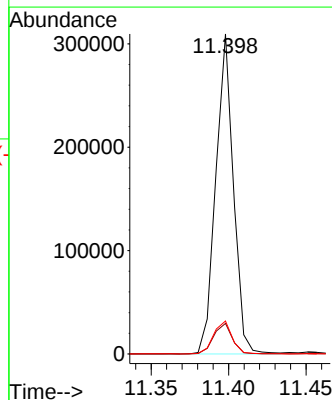
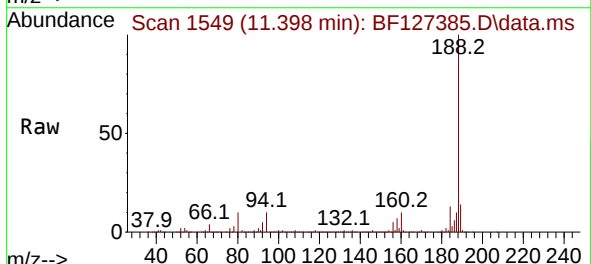
Instrument :
BNA_F
ClientSampleId :
TPK-4

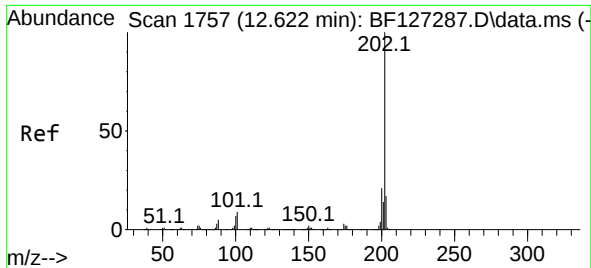
Tgt Ion:165 Resp: 19845
Ion Ratio Lower Upper
165 100
63 2.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:188 Resp: 245059
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.3 11.8 17.6#

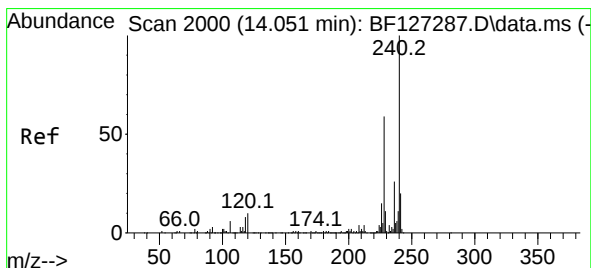
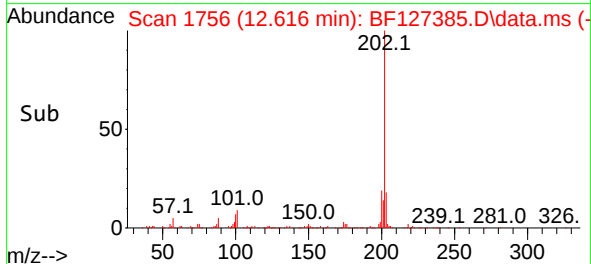
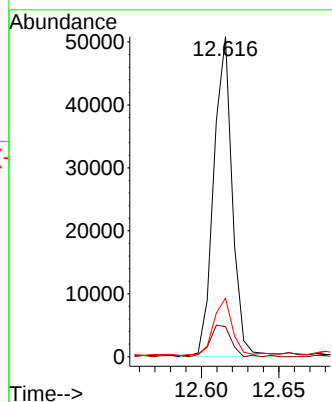
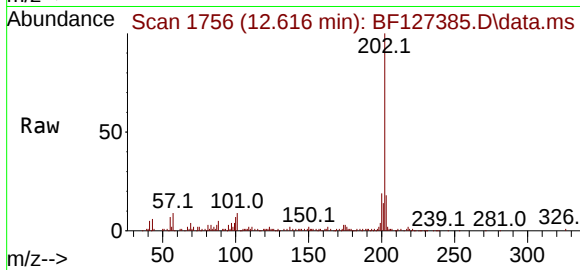




#75
Fluoranthene
Concen: 2.939 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

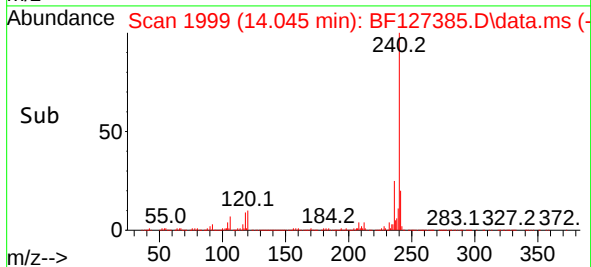
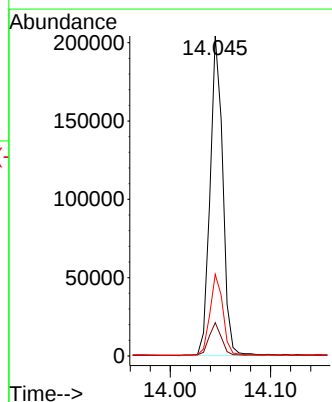
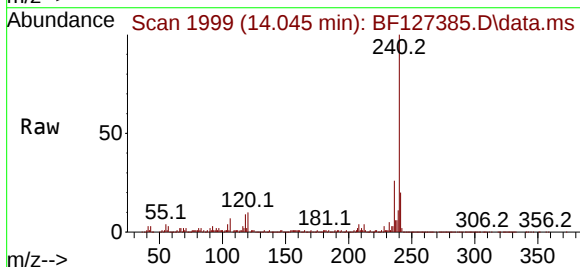
Instrument :
BNA_F
ClientSampleId :
TPK-4

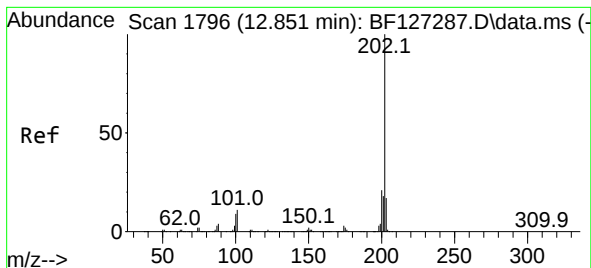
Tgt Ion:202 Resp: 42510
Ion Ratio Lower Upper
202 100
101 9.4 0.0 35.7
203 18.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:240 Resp: 180371
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.5 20.5 30.7





#78

Pyrene

Concen: 2.762 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4

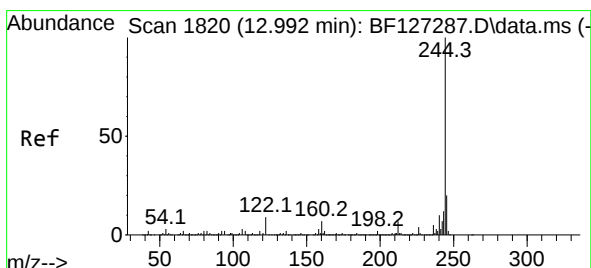
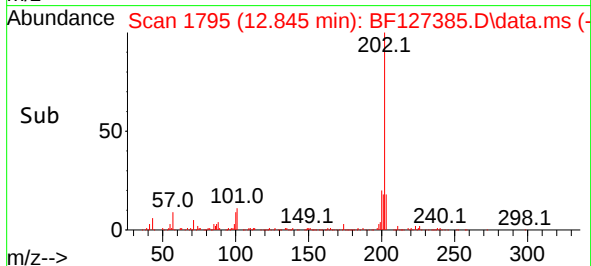
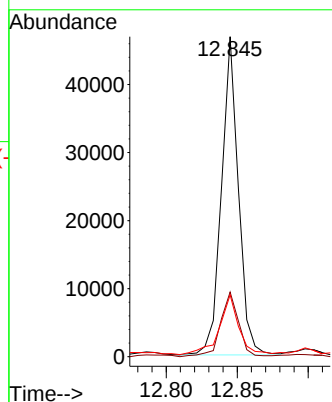
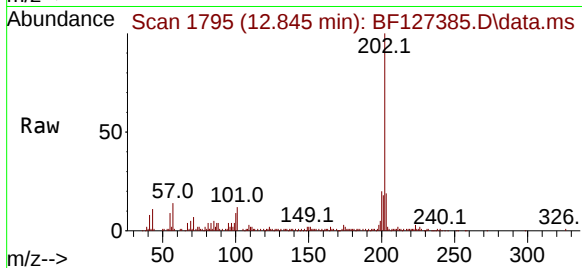
Tgt Ion:202 Resp: 38803

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

203 19.3 13.8 20.8



#79

Terphenyl-d14

Concen: 54.528 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

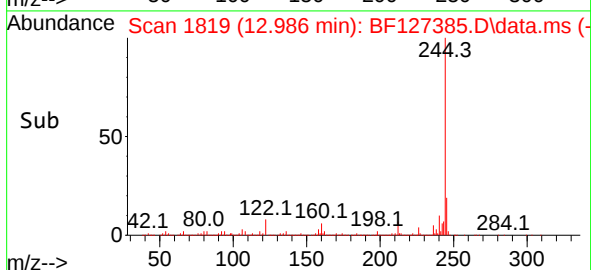
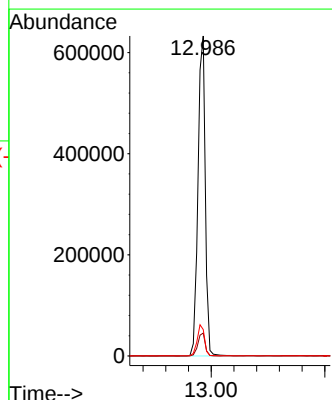
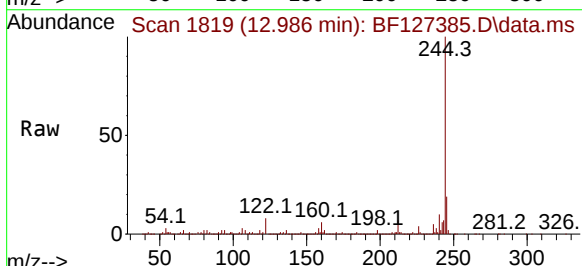
Tgt Ion:244 Resp: 571168

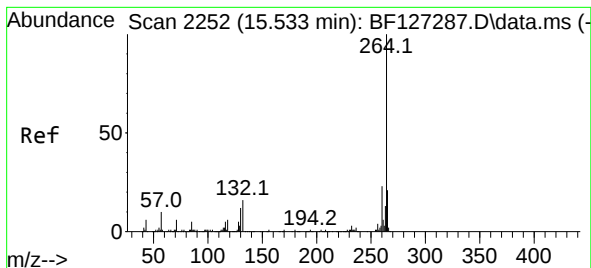
Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

122 8.3 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4

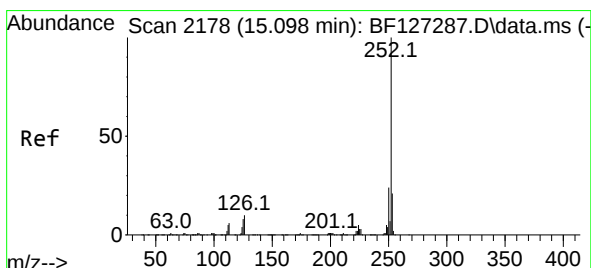
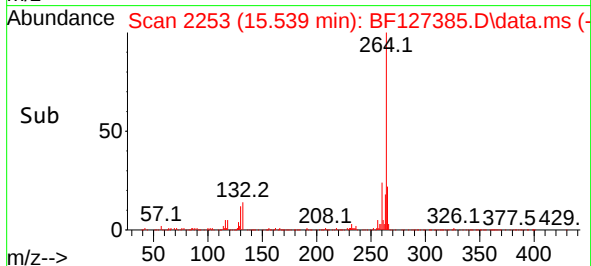
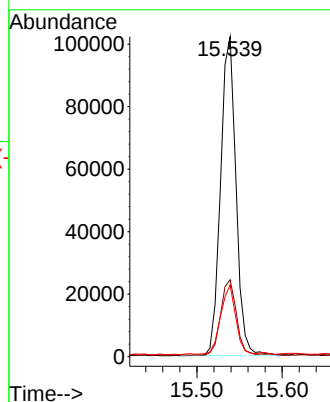
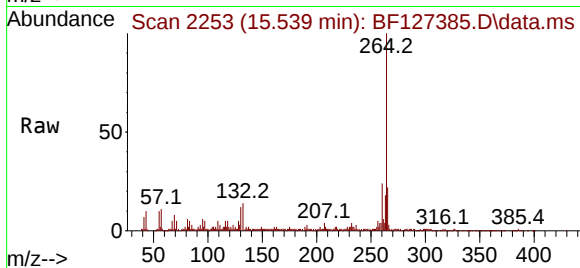
Tgt Ion:264 Resp: 128681

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.4 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.279 ng

RT: 15.098 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

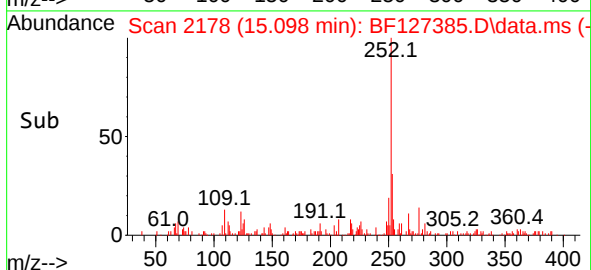
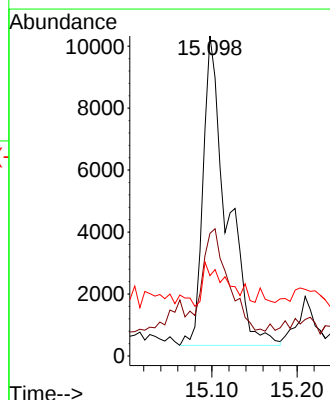
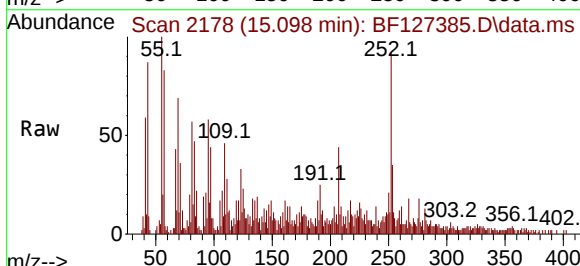
Tgt Ion:252 Resp: 19253

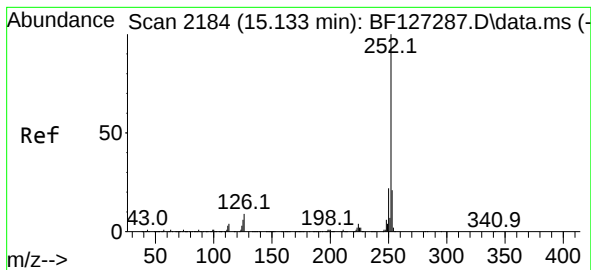
Ion Ratio Lower Upper

252 100

253 38.3 17.8 26.8#

125 25.1 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 2.424 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF127385.D

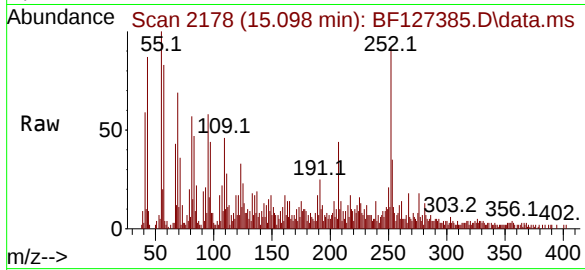
Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4



Tgt Ion:252 Resp: 19253

Ion Ratio Lower Upper

252 100

253 38.3 17.5 26.3#

125 25.1 11.8 17.6#

