

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126772.D
 Acq On : 01 Feb 2022 14:24
 Operator : CG/JU
 Sample : N1325-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TES-4

Quant Time: Feb 02 04:58:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	118830	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	453576	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	254350	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	445452	20.000	ng	0.00
76) Chrysene-d12	14.139	240	276877	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	162798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1025897	113.606	ng	0.02
7) Phenol-d6	6.575	99	1255682	100.082	ng	0.00
23) Nitrobenzene-d5	7.522	82	1119516	96.608	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	371920	156.248	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1453692	87.530	ng	0.00
79) Terphenyl-d14	13.086	244	1688372	102.278	ng	0.00

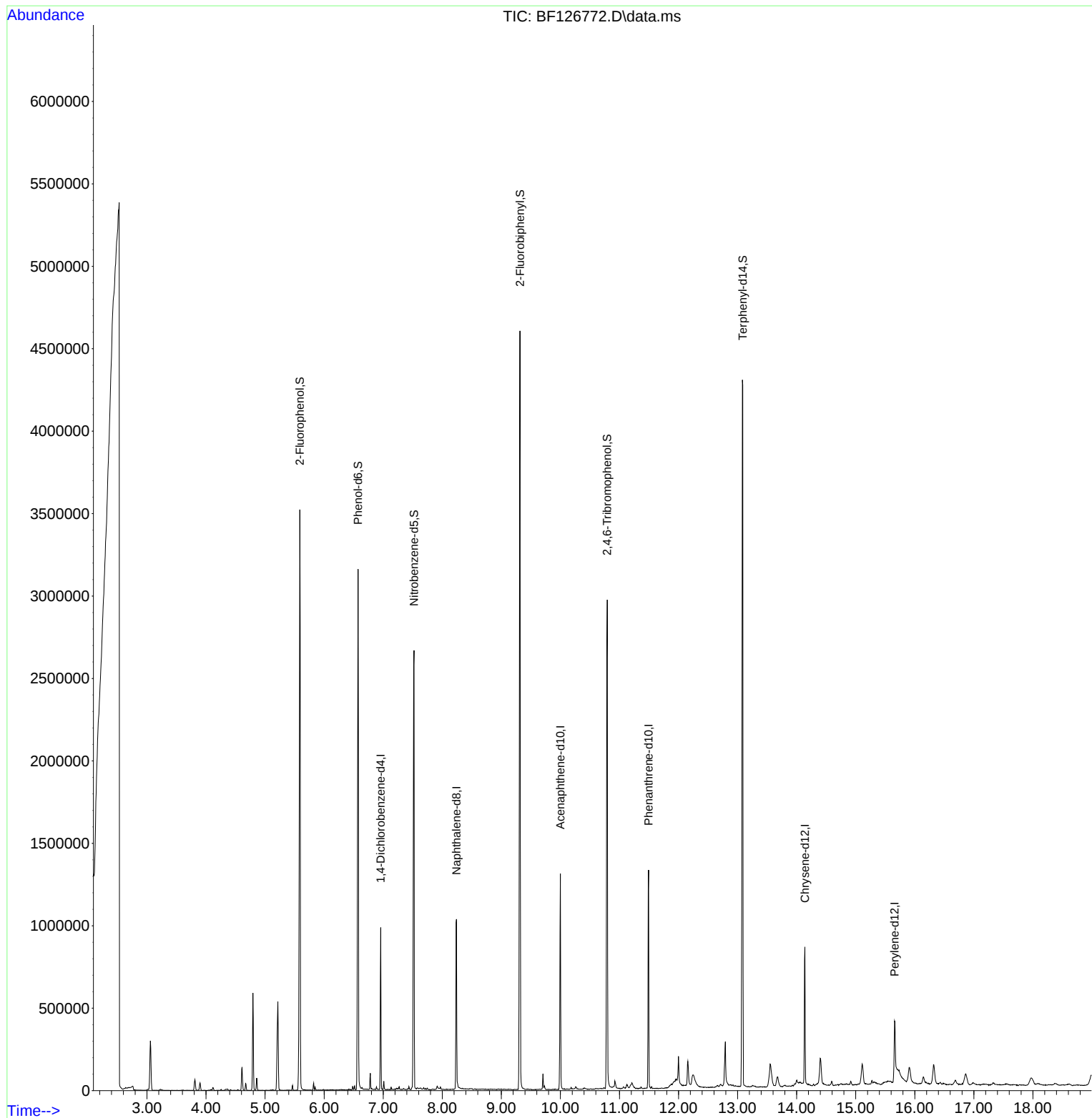
Target Compounds	Qvalue

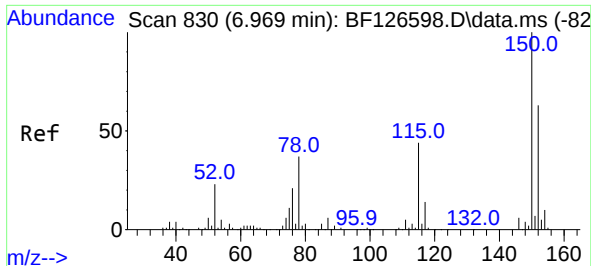
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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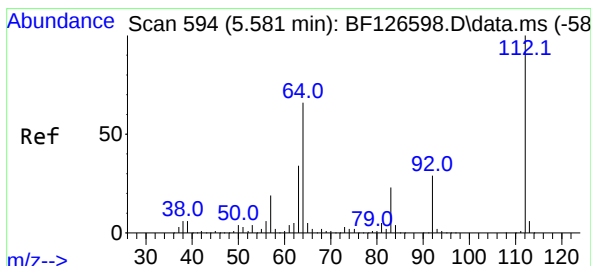
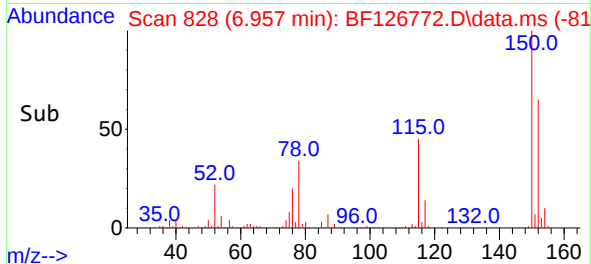
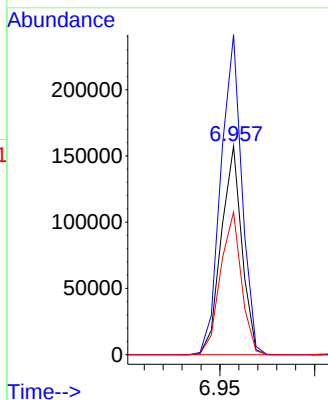
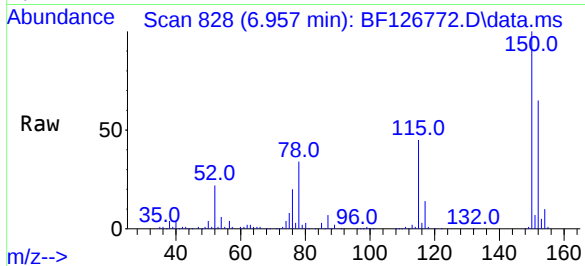




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

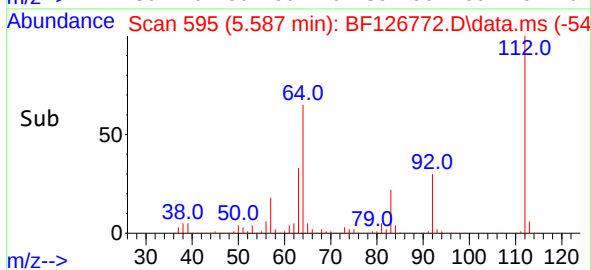
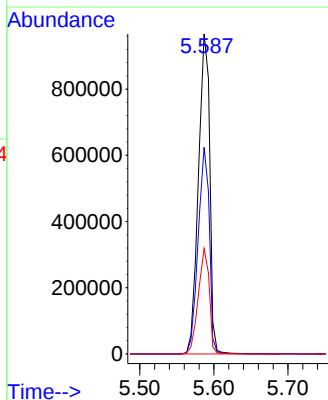
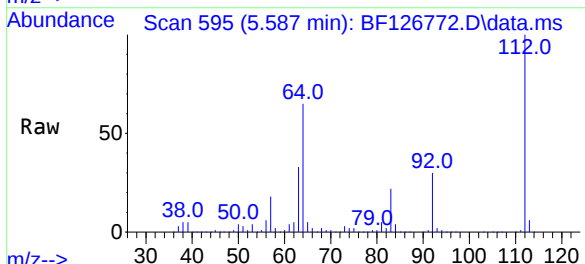
Instrument :
BNA_F
ClientSampleId :
TES-4

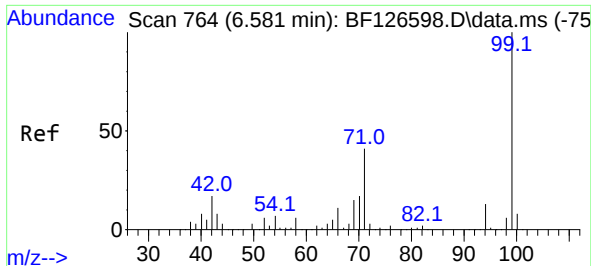
Tgt Ion:152 Resp: 118830
Ion Ratio Lower Upper
152 100
150 153.3 128.1 192.1
115 68.3 56.7 85.1



#5
2-Fluorophenol
Concen: 113.606 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

Tgt Ion:112 Resp: 1025897
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 32.9 23.9 35.9

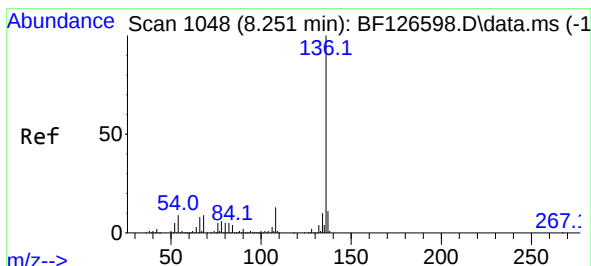
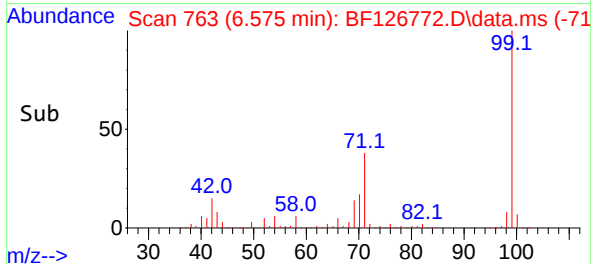
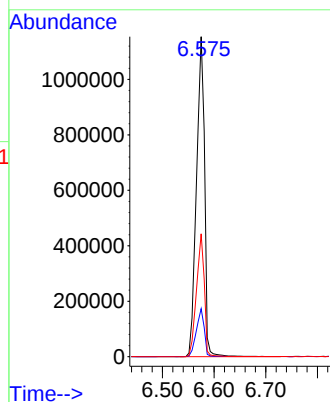
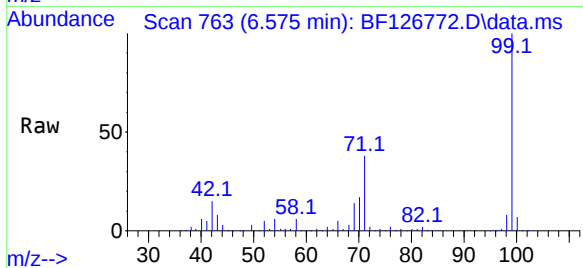




#7
Phenol-d6
Concen: 100.082 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

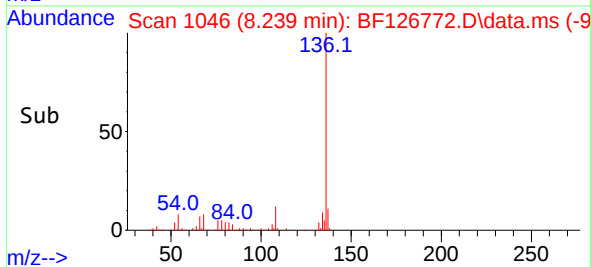
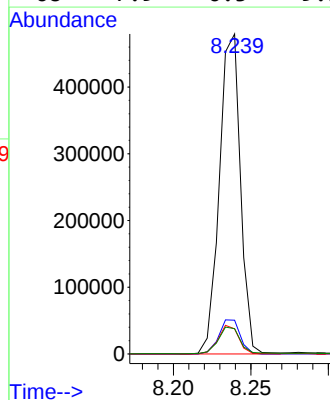
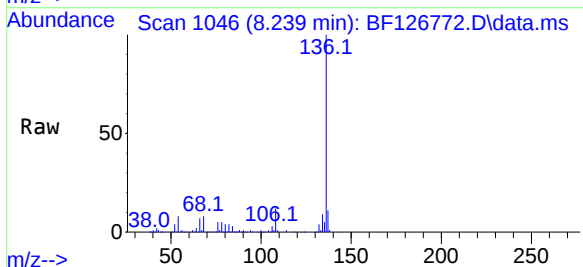
Instrument :
BNA_F
ClientSampleId :
TES-4

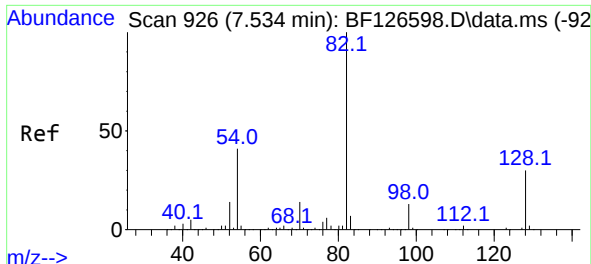
Tgt Ion: 99 Resp: 1255682
Ion Ratio Lower Upper
99 100
42 15.0 14.2 21.4
71 38.4 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

Tgt Ion:136 Resp: 453576
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 7.8 11.6
68 7.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 96.608 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126772.D

Acq: 01 Feb 2022 14:24

Instrument :

BNA_F

ClientSampleId :

TES-4

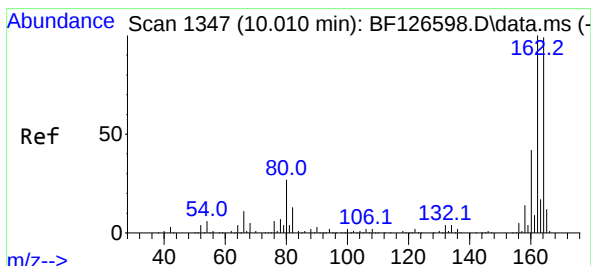
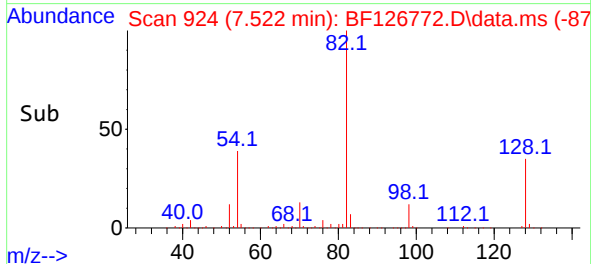
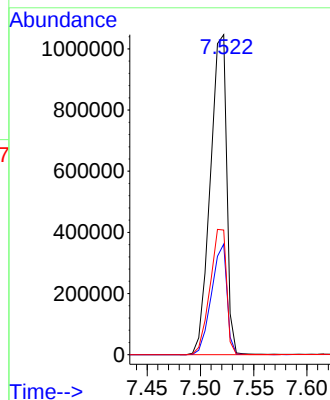
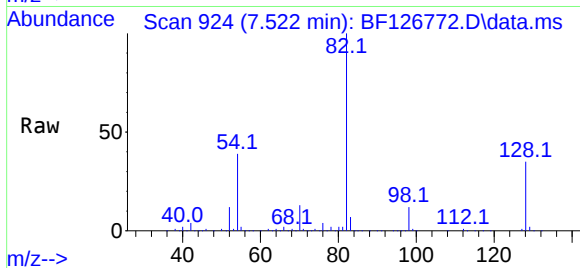
Tgt Ion: 82 Resp: 1119516

Ion Ratio Lower Upper

82 100

128 34.5 32.7 49.1

54 38.9 41.7 62.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF126772.D

Acq: 01 Feb 2022 14:24

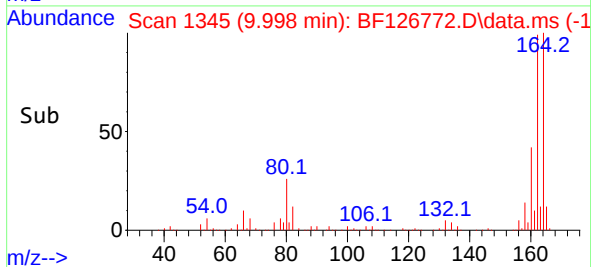
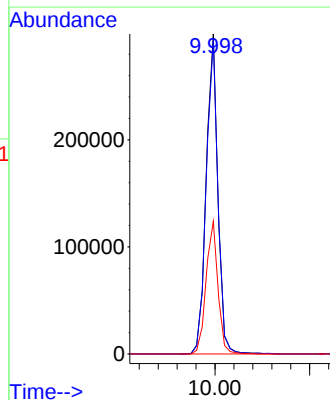
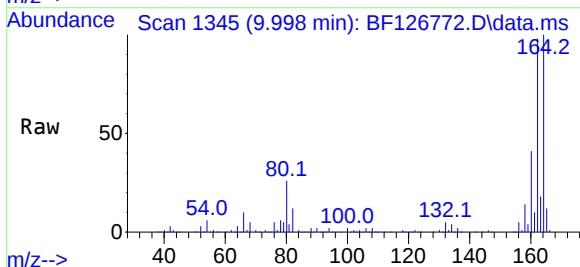
Tgt Ion:164 Resp: 254350

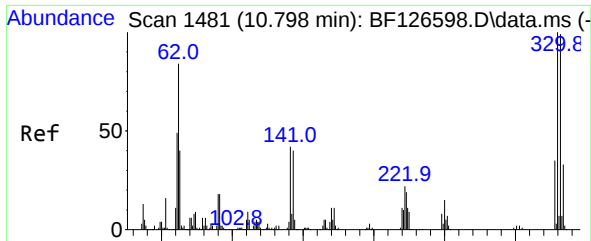
Ion Ratio Lower Upper

164 100

162 97.9 81.4 122.0

160 41.5 36.6 54.8

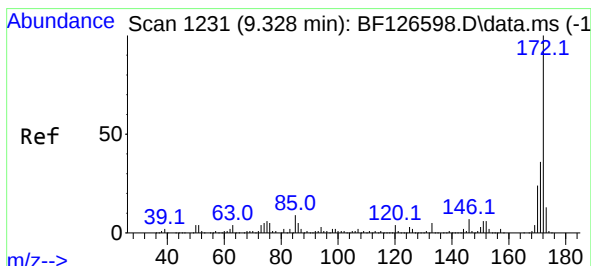
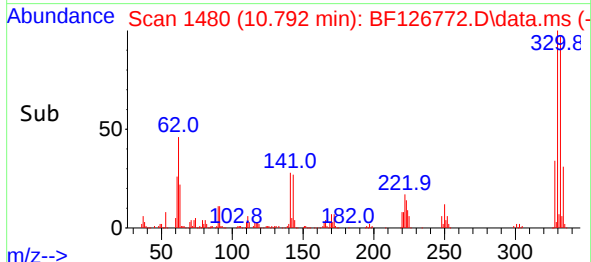
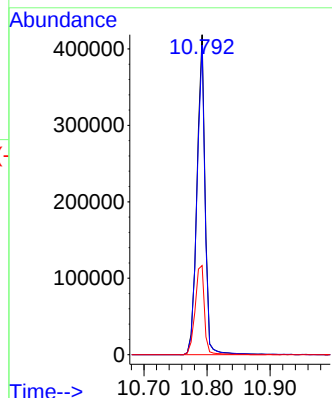
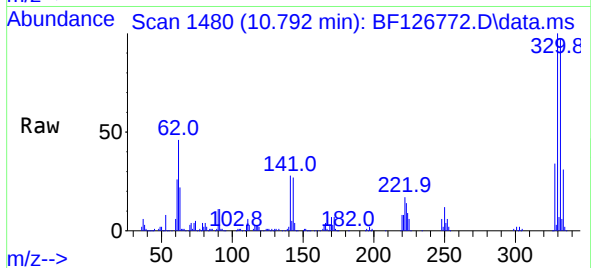




#42
2,4,6-Tribromophenol
Concen: 156.248 ng
RT: 10.792 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

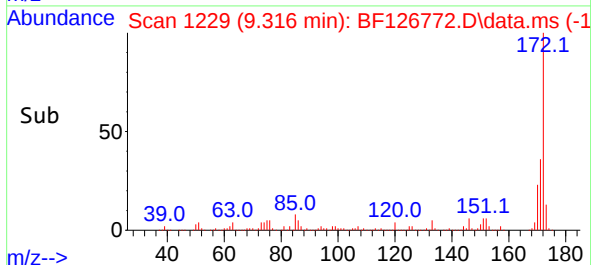
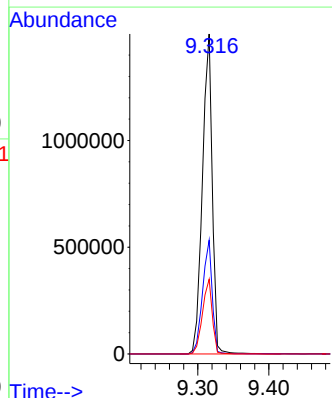
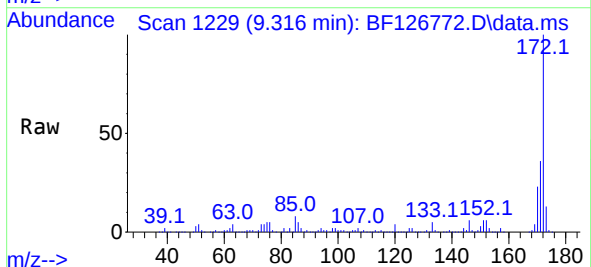
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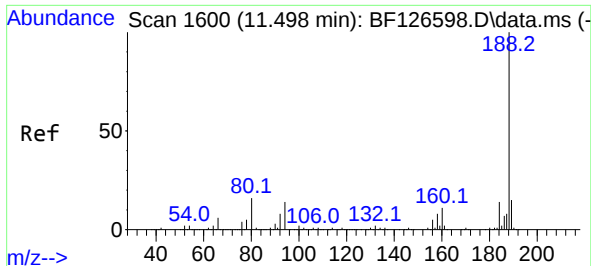
Tgt Ion:330 Resp: 371920
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 32.1 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 87.530 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

Tgt Ion:172 Resp: 1453692
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.6

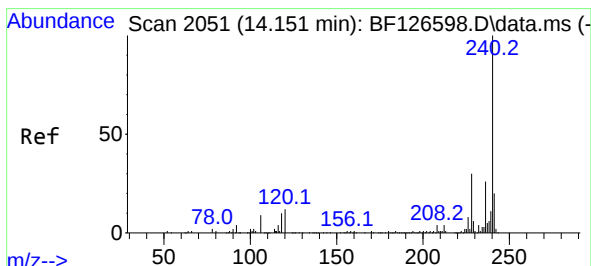
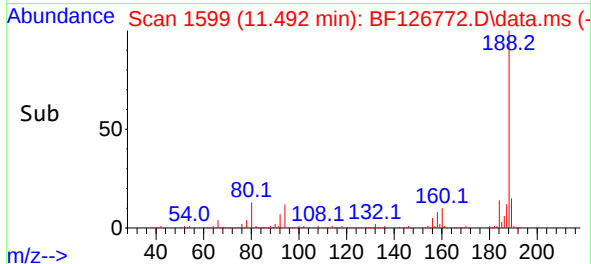
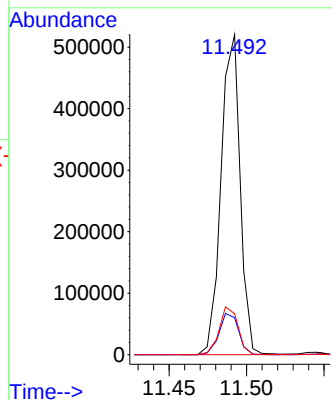
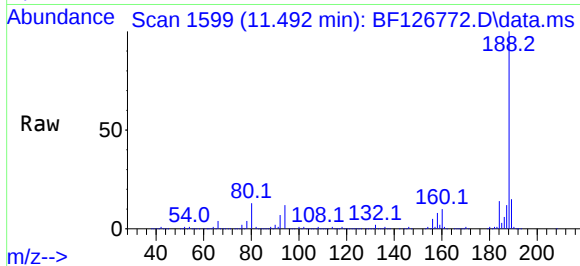




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

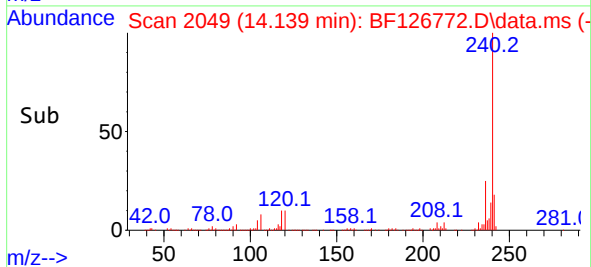
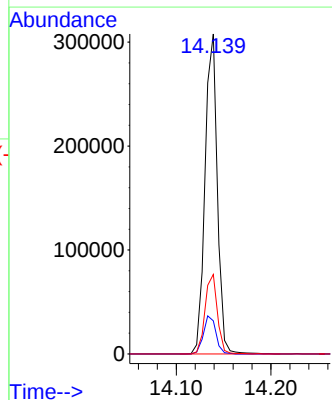
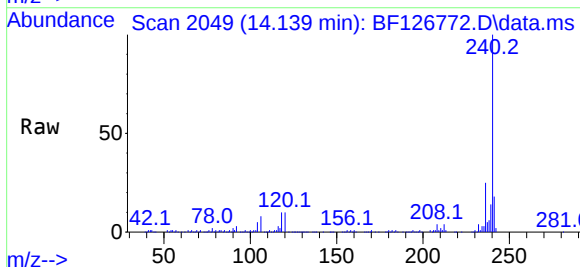
Instrument :
BNA_F
ClientSampleId :
TES-4

Tgt Ion:188 Resp: 445452
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 12.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126772.D
Acq: 01 Feb 2022 14:24

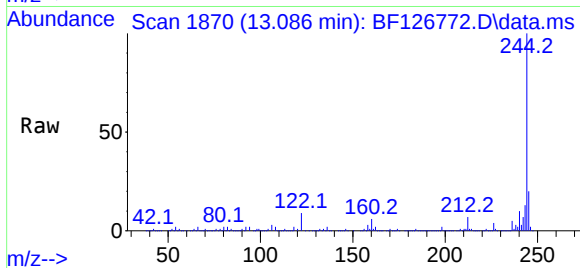
Tgt Ion:240 Resp: 276877
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 24.9 20.5 30.7



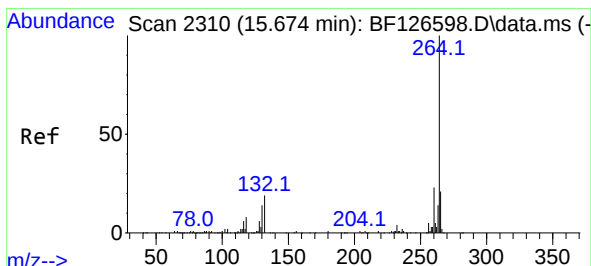
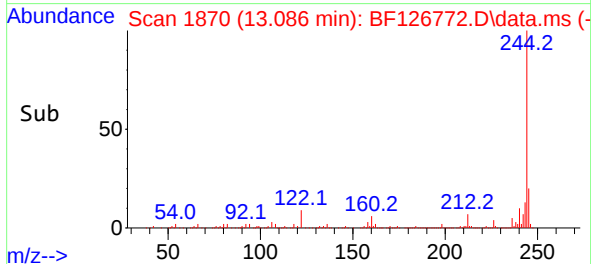
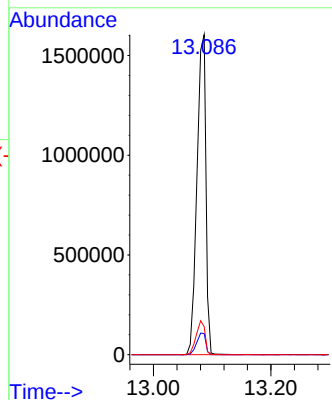


#79
 Terphenyl-d14
 Concen: 102.278 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126772.D
 Acq: 01 Feb 2022 14:24

Instrument :
 BNA_F
 ClientSampleId :
 TES-4



Tgt Ion:244 Resp: 1688372
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 8.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126772.D
 Acq: 01 Feb 2022 14:24

Tgt Ion:264 Resp: 162798
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.4 26.2

