

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131498.D
 Acq On : 02 Dec 2022 16:25
 Operator : CG\JU
 Sample : N5848-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Dec 05 00:03:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	69618	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	296662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	193333	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	350230	20.000	ng	0.00
76) Chrysene-d12	14.127	240	229813	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	193908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	431136	117.864	ng	0.01
7) Phenol-d6	6.545	99	558045	119.571	ng	-0.01
23) Nitrobenzene-d5	7.492	82	358697	60.950	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	199278	122.518	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	808298	60.824	ng	0.00
79) Terphenyl-d14	13.074	244	857734	61.033	ng	0.00

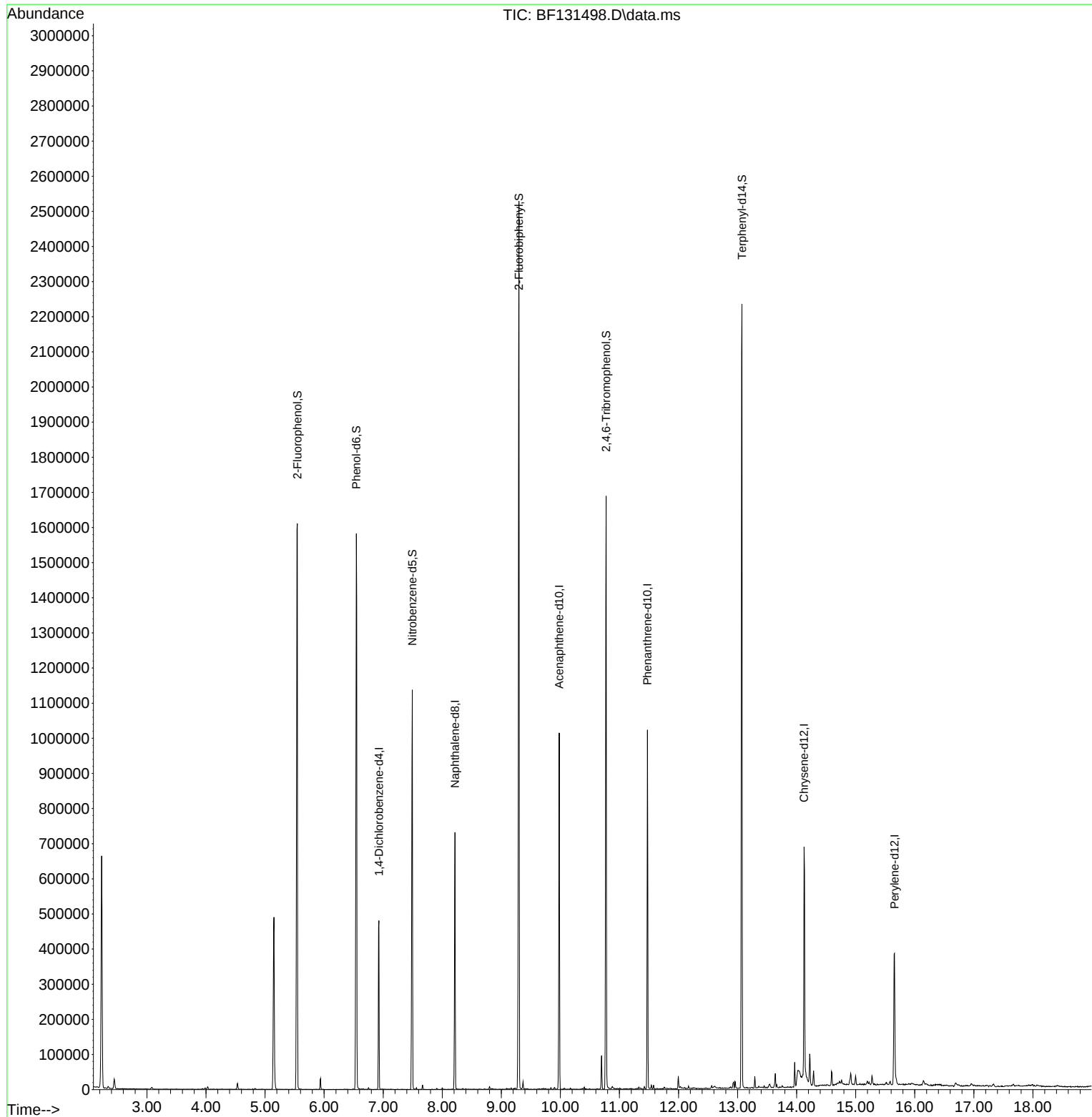
Target Compounds Qvalue

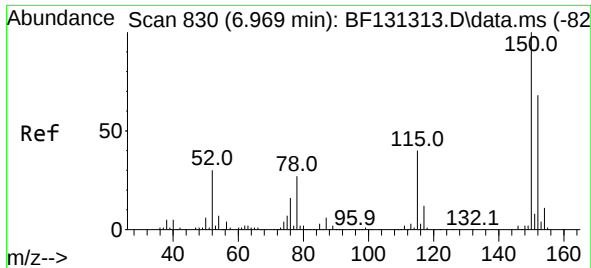
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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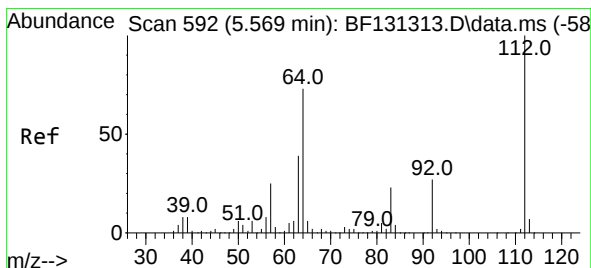
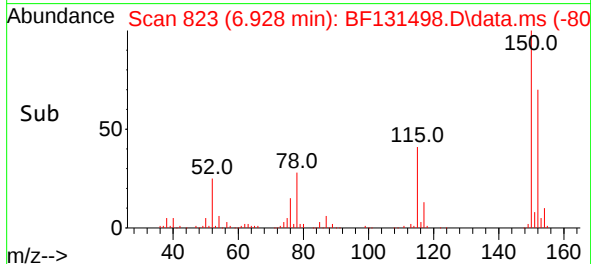
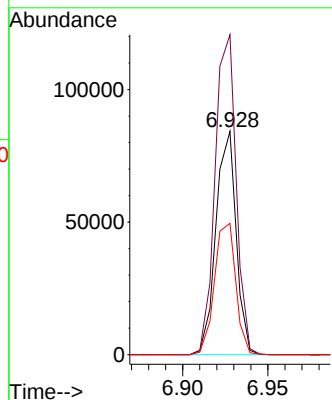
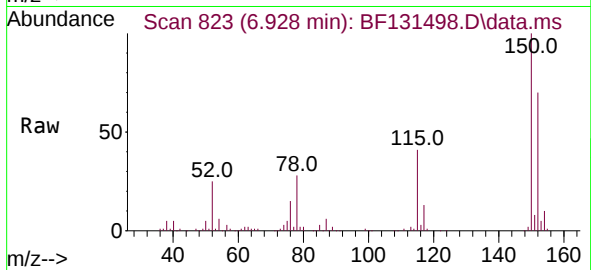




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

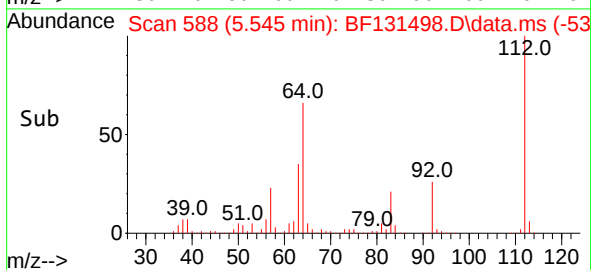
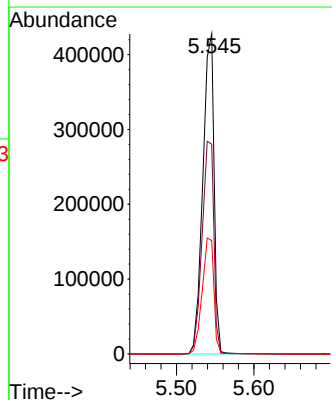
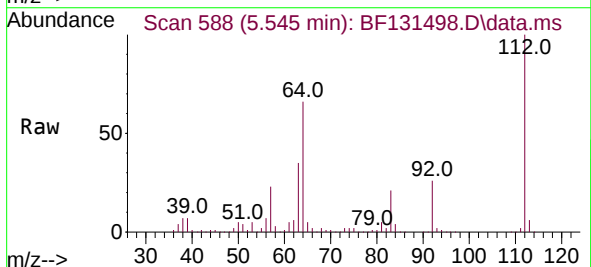
Instrument :
 BNA_F
 ClientSampleId :
 PE-3

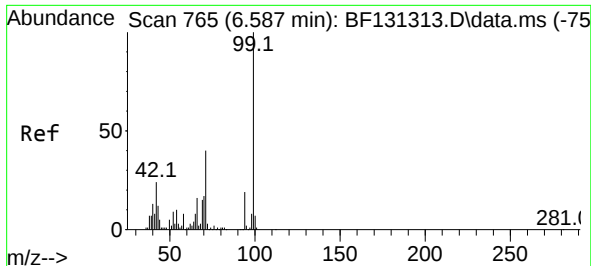
Tgt Ion:152 Resp: 69618
 Ion Ratio Lower Upper
 152 100
 150 143.3 117.8 176.8
 115 58.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 117.864 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

Tgt Ion:112 Resp: 431136
 Ion Ratio Lower Upper
 112 100
 64 65.5 58.6 88.0
 63 35.4 31.4 47.0





#7
Phenol-d6
Concen: 119.571 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

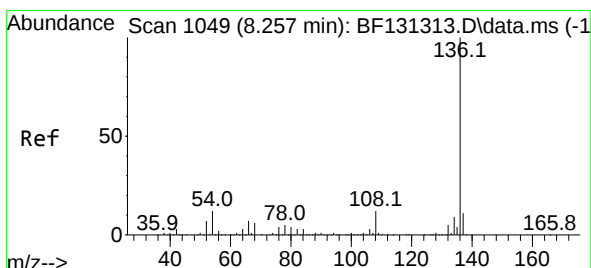
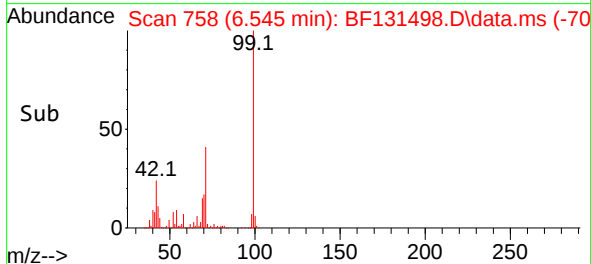
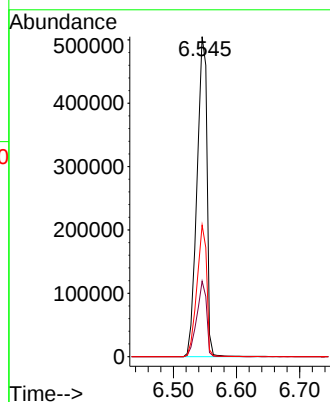
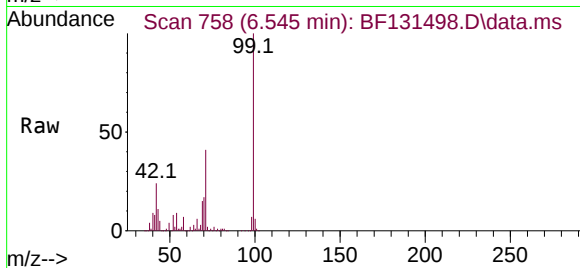
Instrument :

BNA_F

ClientSampleId :

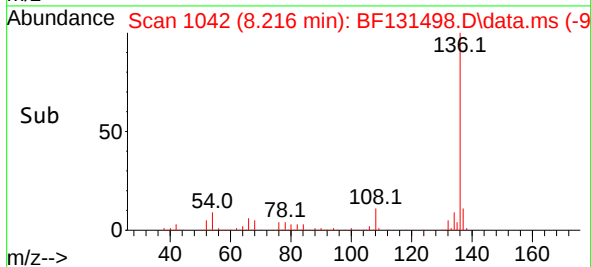
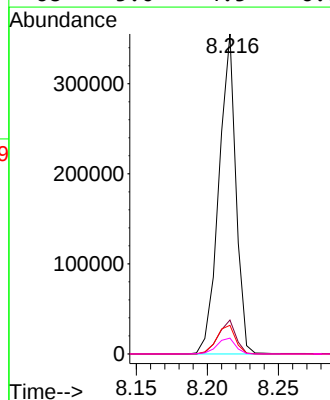
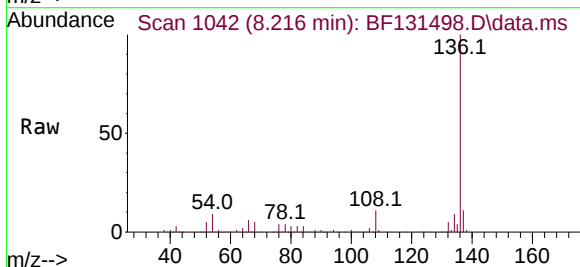
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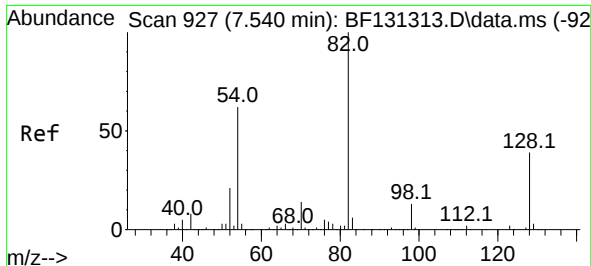
Tgt Ion: 99 Resp: 558045
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 41.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion: 136 Resp: 296662
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.9 9.4 14.0#
68 5.0 4.5 6.7

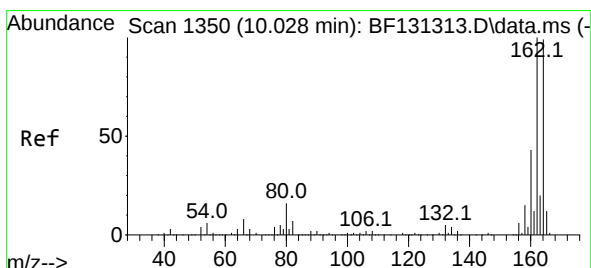
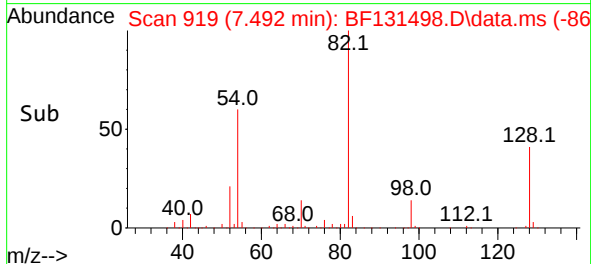
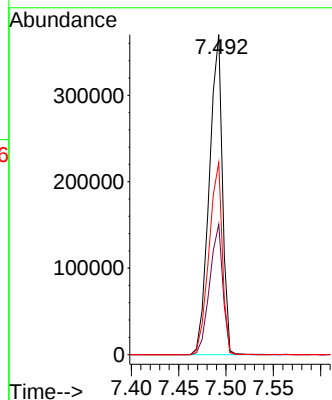
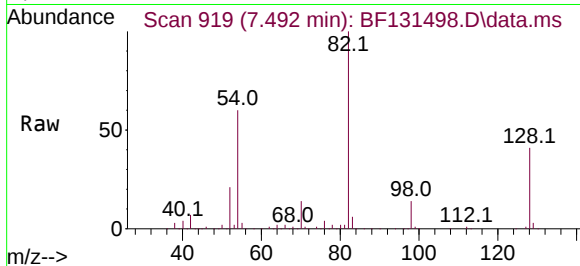




#23
Nitrobenzene-d5
Concen: 60.950 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

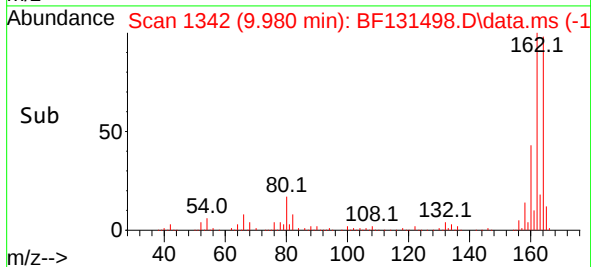
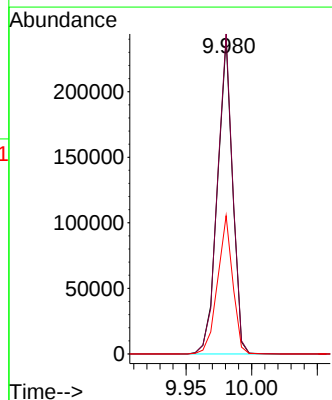
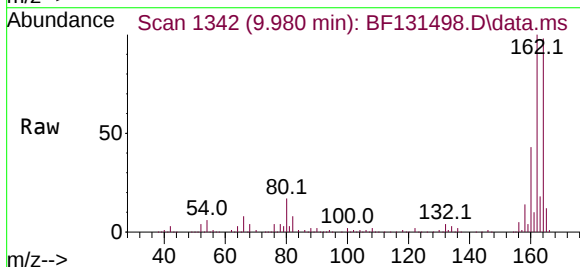
Instrument :
BNA_F
ClientSampleId :
PE-3

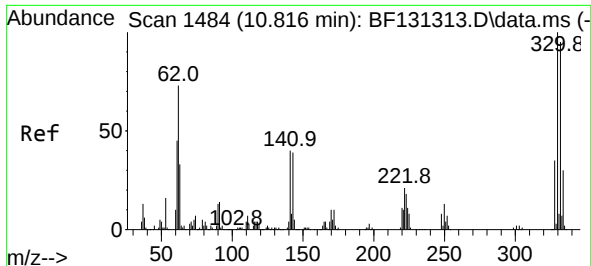
Tgt Ion: 82 Resp: 358697
Ion Ratio Lower Upper
82 100
128 40.7 31.4 47.0
54 60.1 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:164 Resp: 193333
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 122.518 ng

RT: 10.775 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

Instrument :

BNA_F

ClientSampleId :

PE-3

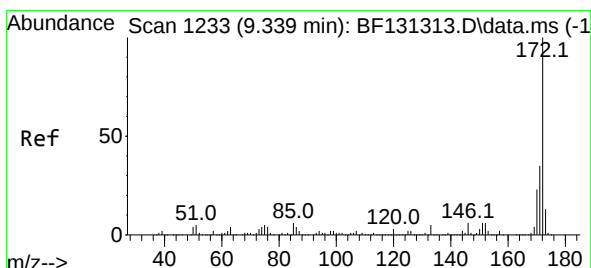
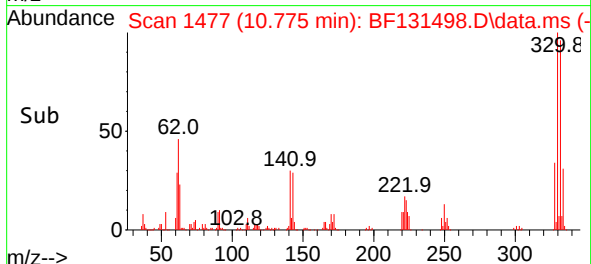
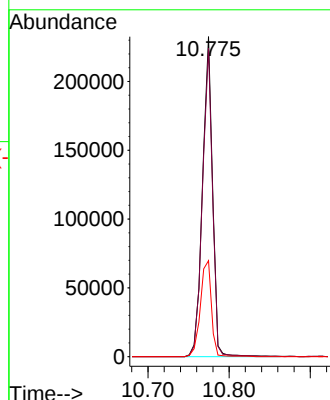
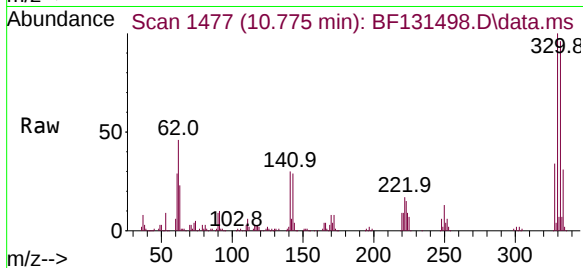
Tgt Ion:330 Resp: 199278

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 32.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 60.824 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

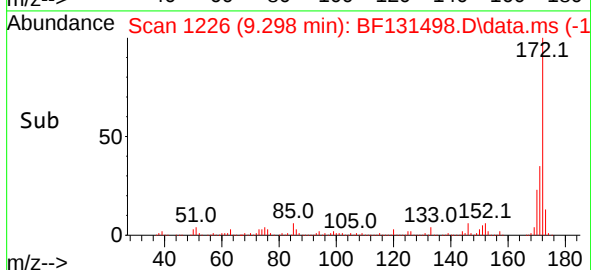
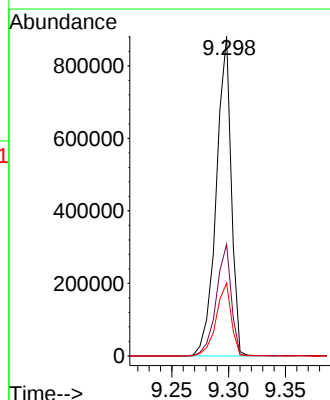
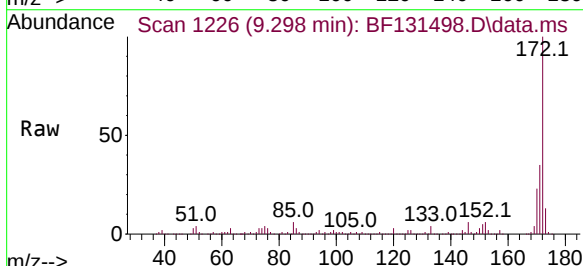
Tgt Ion:172 Resp: 808298

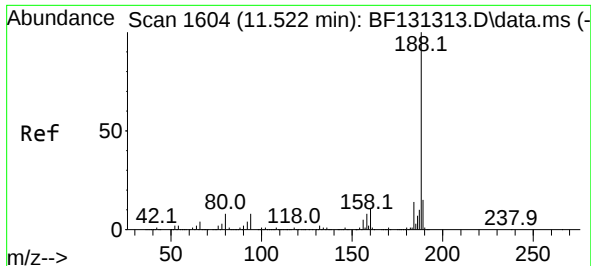
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 22.7 18.7 28.1

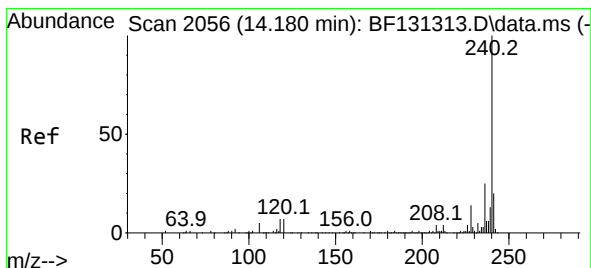
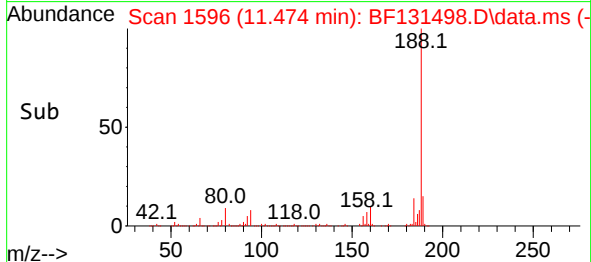
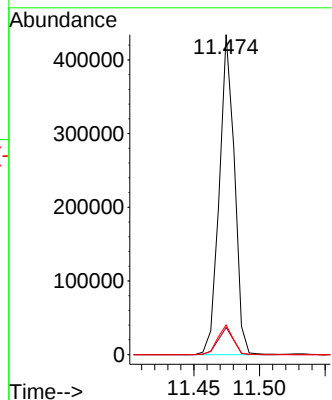
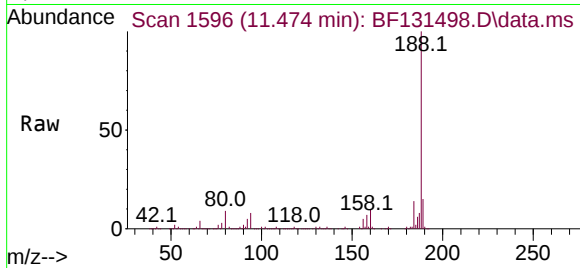




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

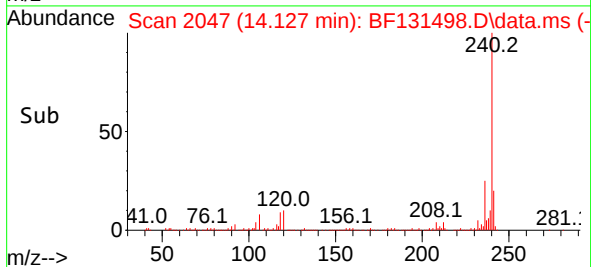
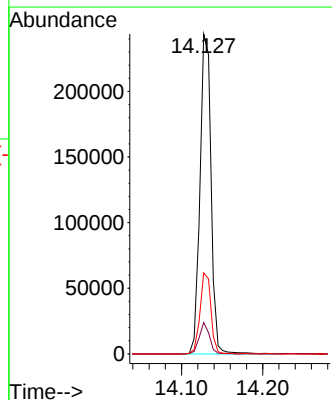
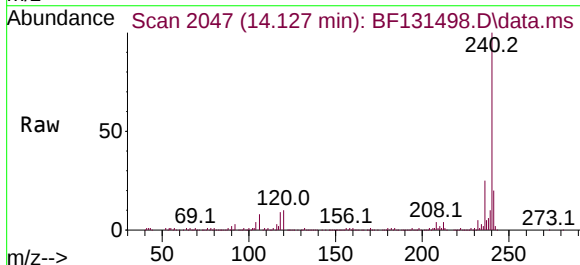
Instrument :
BNA_F
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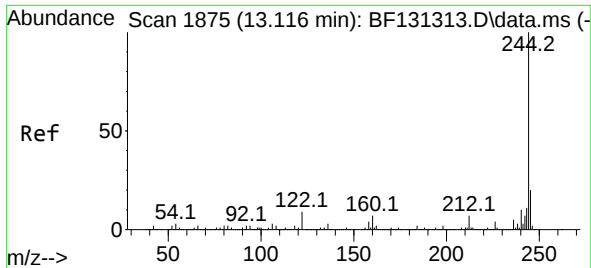
Tgt Ion:188 Resp: 350230
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:240 Resp: 229813
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8#
236 25.3 20.3 30.5

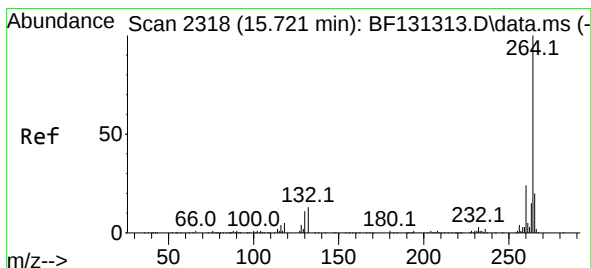
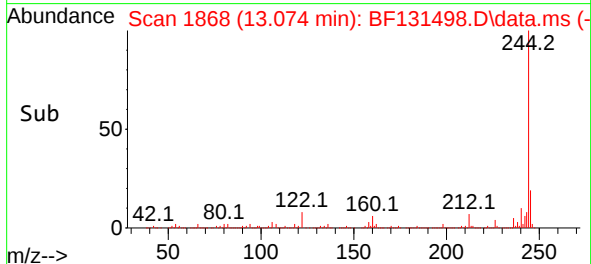
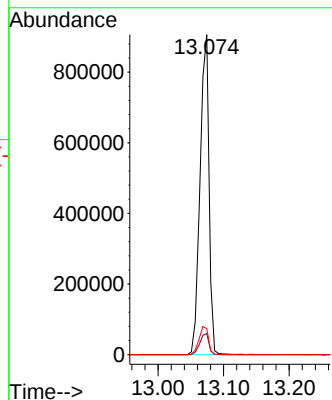
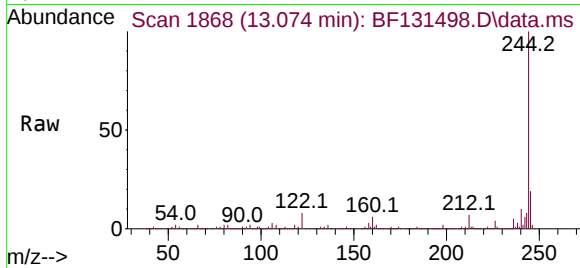




#79
 Terphenyl-d14
 Concen: 61.033 ng
 RT: 13.074 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion:244 Resp: 857734
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 8.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

Tgt Ion:264 Resp: 193908
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.7 16.4 24.6

