

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132135.D
 Acq On : 19 Jan 2023 00:20
 Operator : CG\JU
 Sample : 01190-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jan 19 05:24:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	212396	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	763232	20.000	ng	-0.01
39) Acenaphthene-d10	10.148	164	418076	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	829076	20.000	ng	0.00
76) Chrysene-d12	14.307	240	592575	20.000	ng	0.00
86) Perylene-d12	15.907	264	475952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1102473	92.348	ng	0.00
7) Phenol-d6	6.707	99	1419850	92.063	ng	0.00
23) Nitrobenzene-d5	7.654	82	943953	65.649	ng	-0.01
42) 2,4,6-Tribromophenol	10.942	330	426622	93.265	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1595487	66.399	ng	0.00
79) Terphenyl-d14	13.242	244	2026848	55.497	ng	0.00

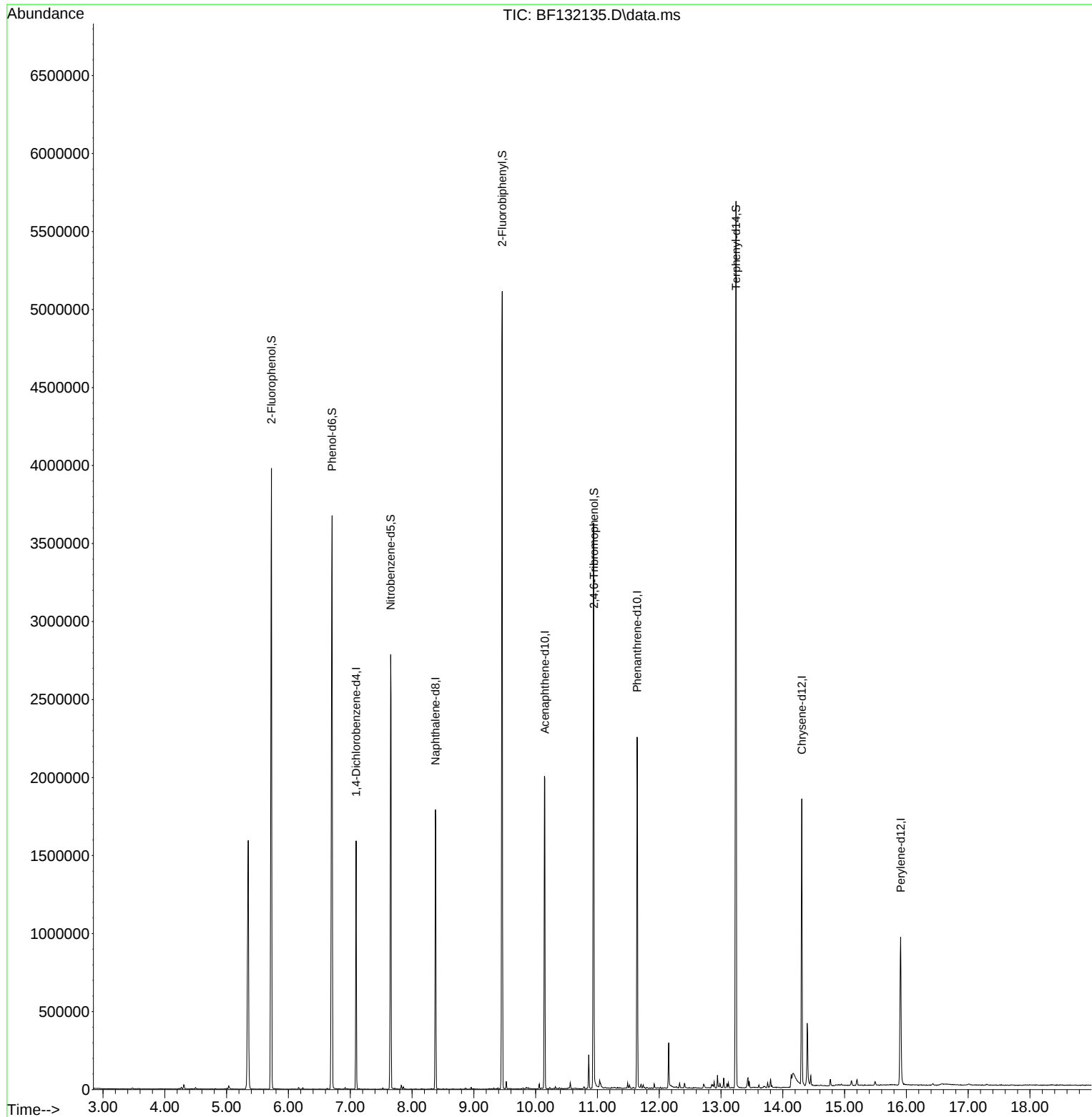
Target Compounds	Qvalue

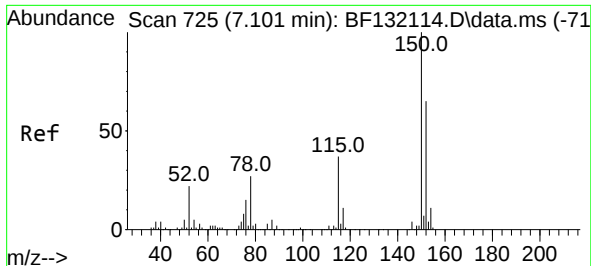
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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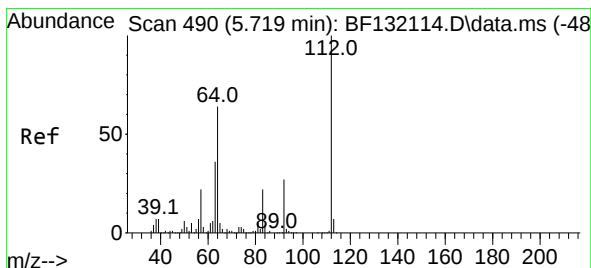
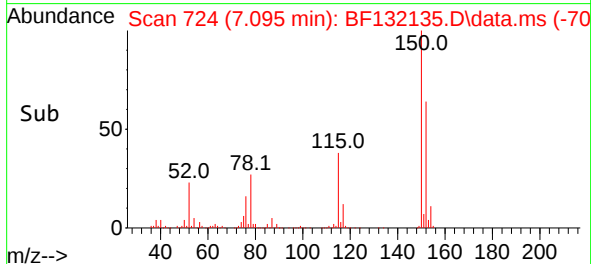
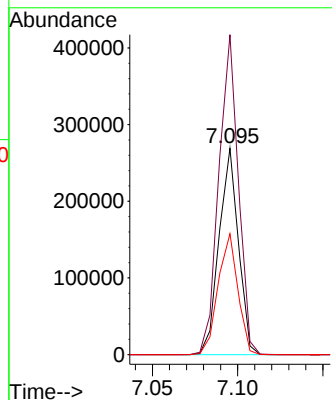
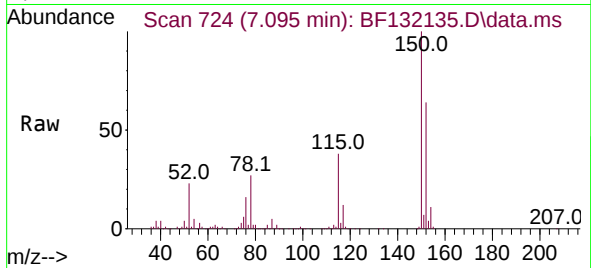




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

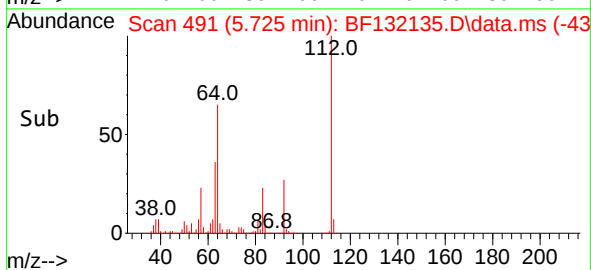
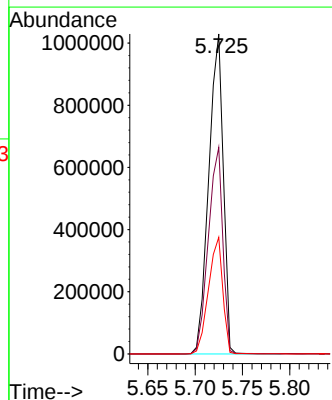
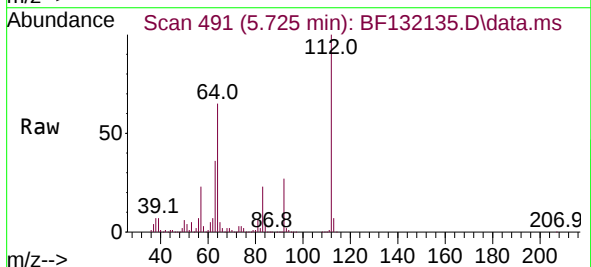
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

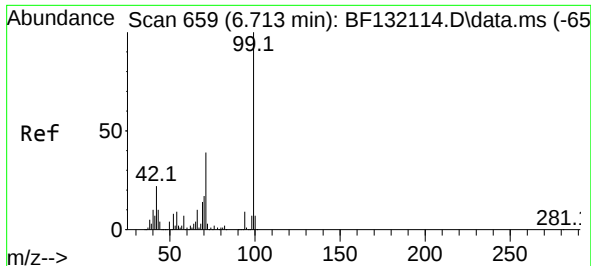
Tgt Ion:152 Resp: 212396
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.3 184.9
 115 58.6 45.8 68.6



#5
 2-Fluorophenol
 Concen: 92.348 ng
 RT: 5.725 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

Tgt Ion:112 Resp: 1102473
 Ion Ratio Lower Upper
 112 100
 64 64.5 51.0 76.6
 63 36.4 28.7 43.1

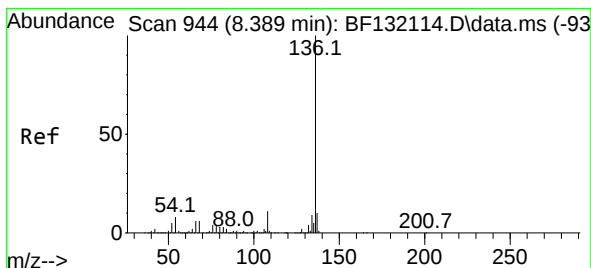
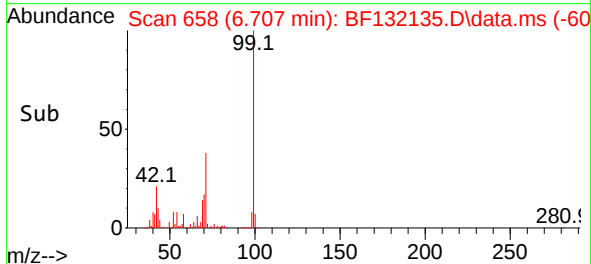
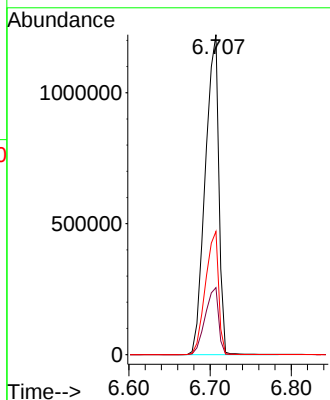
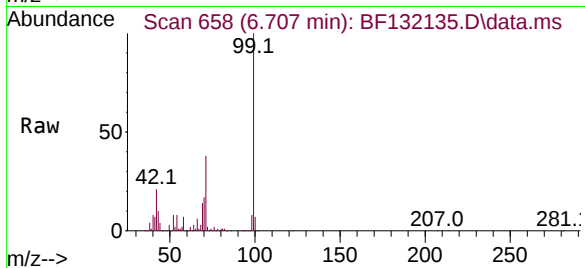




#7
Phenol-d6
Concen: 92.063 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

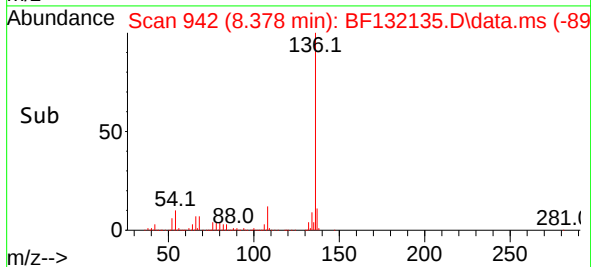
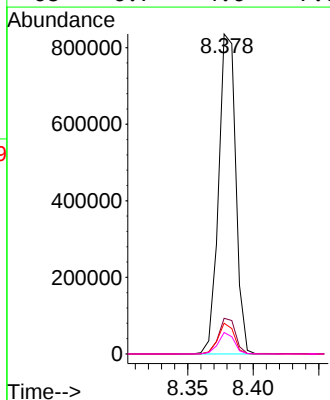
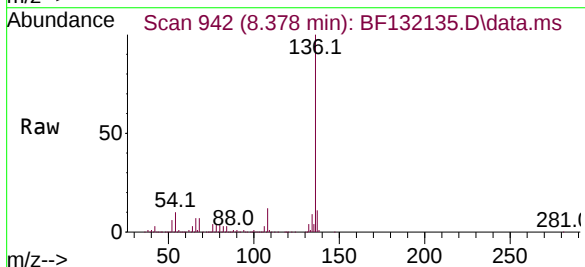
Instrument :
BNA_F
ClientSampleId :
PE-4

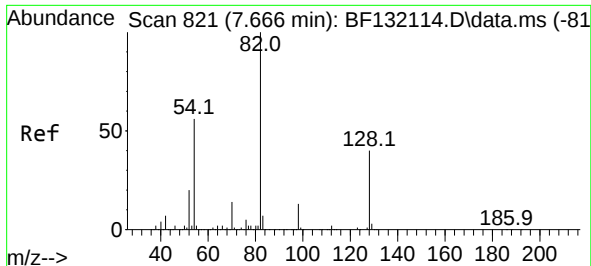
Tgt Ion: 99 Resp: 1419850
Ion Ratio Lower Upper
99 100
42 20.9 17.2 25.8
71 38.5 31.0 46.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.012 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion: 136 Resp: 763232
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.6 6.6 10.0
68 6.7 4.6 7.0

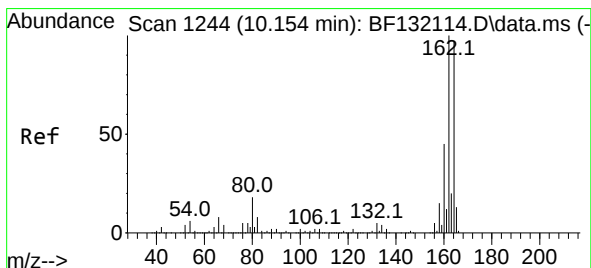
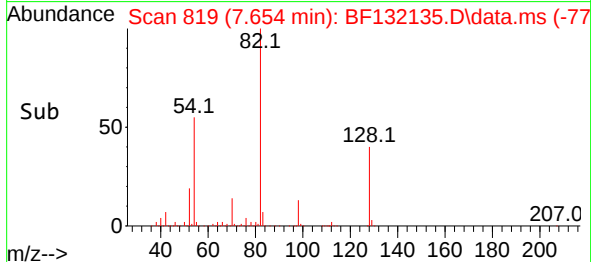
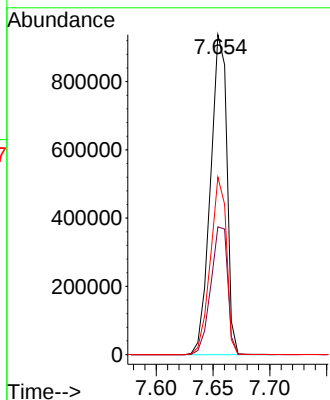
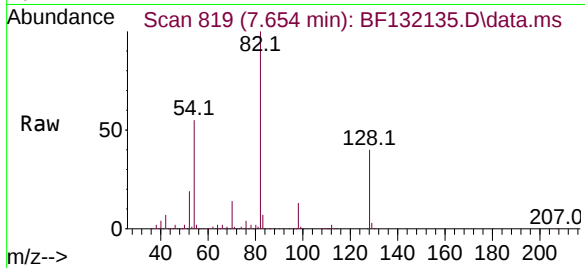




#23
Nitrobenzene-d5
Concen: 65.649 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

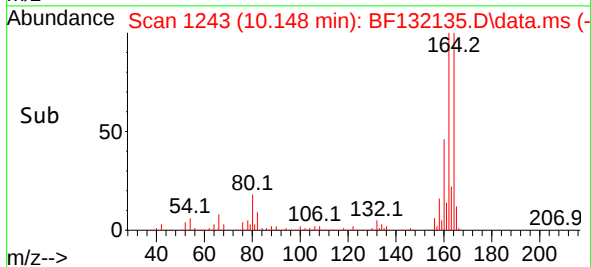
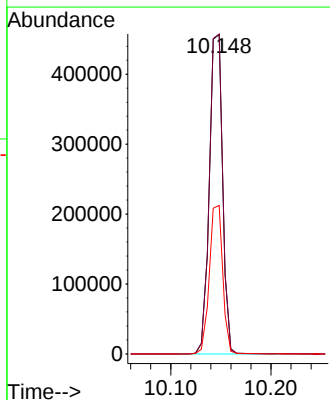
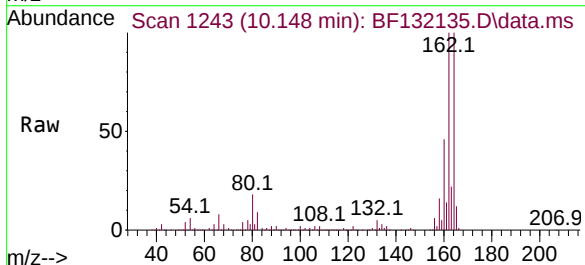
Instrument :
BNA_F
ClientSampleId :
PE-4

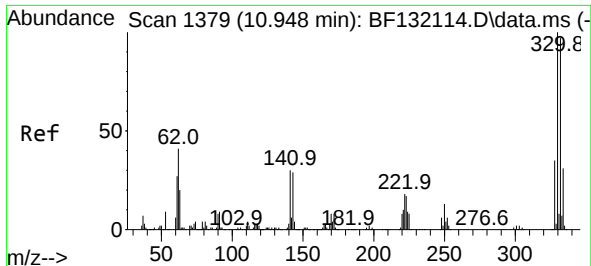
Tgt Ion: 82 Resp: 943953
Ion Ratio Lower Upper
82 100
128 40.0 32.0 48.0
54 55.5 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion: 164 Resp: 418076
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 46.5 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 93.265 ng

RT: 10.942 min Scan# 1379

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

Instrument :

BNA_F

ClientSampleId :

PE-4

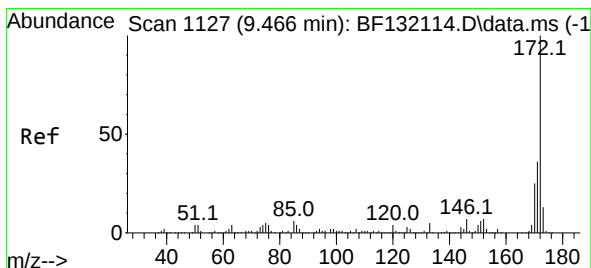
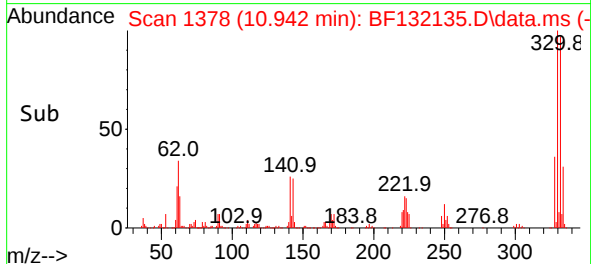
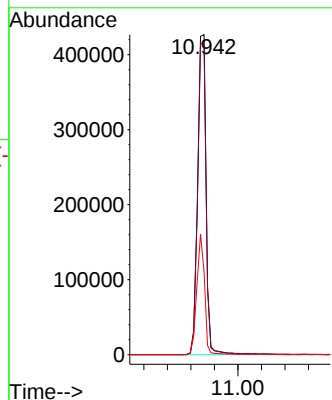
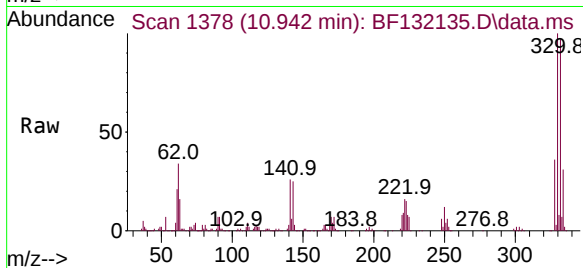
Tgt Ion:330 Resp: 426622

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 34.5 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 66.399 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

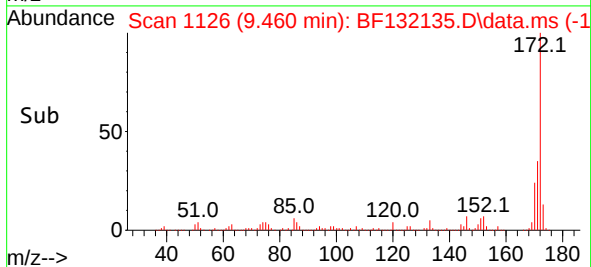
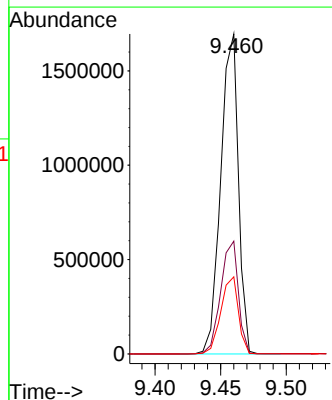
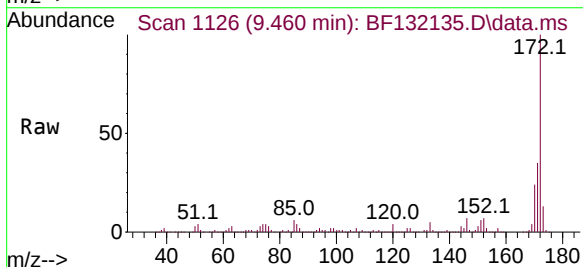
Tgt Ion:172 Resp: 1595487

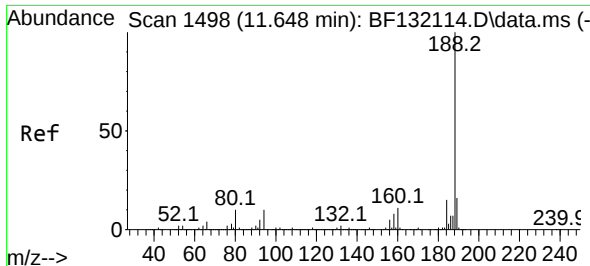
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 24.1 19.7 29.5

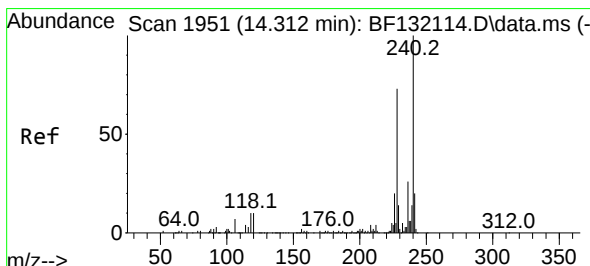
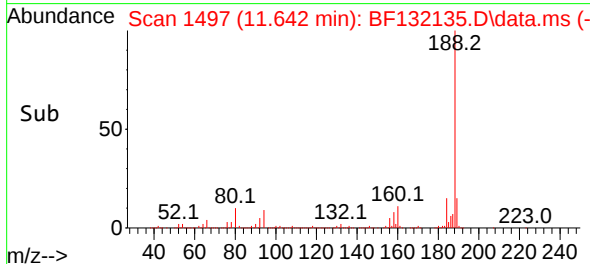
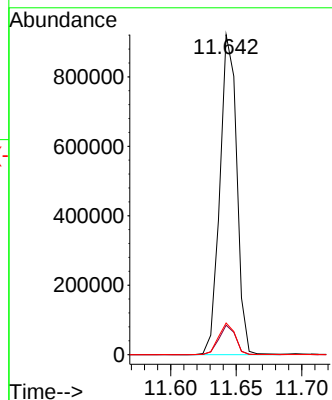
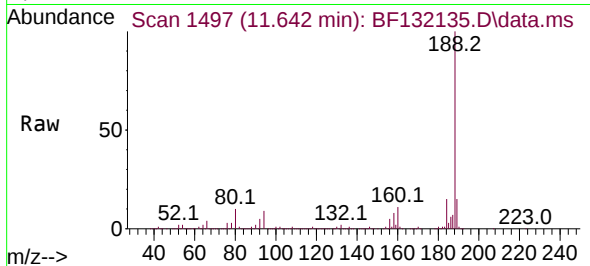




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

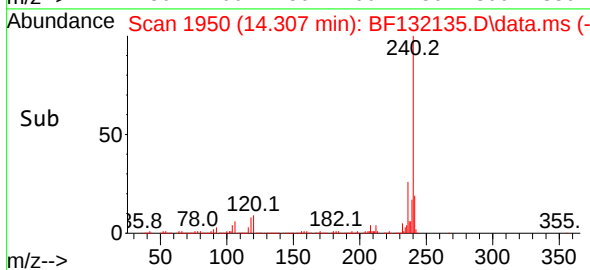
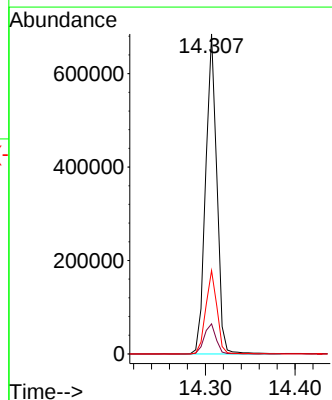
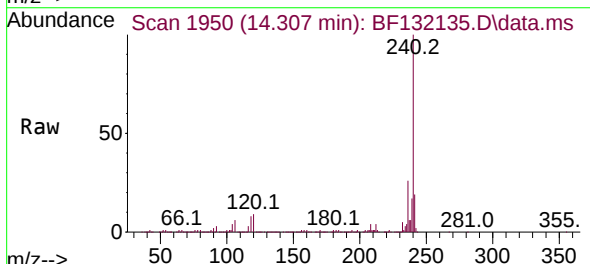
Instrument :
BNA_F
ClientSampleId :
PE-4

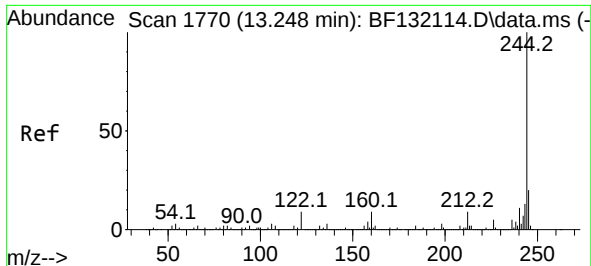
Tgt Ion:188 Resp: 829076
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion:240 Resp: 592575
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.0 21.2 31.8

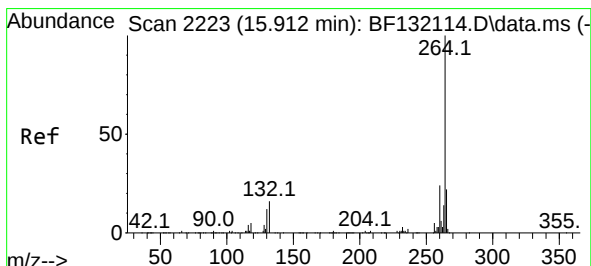
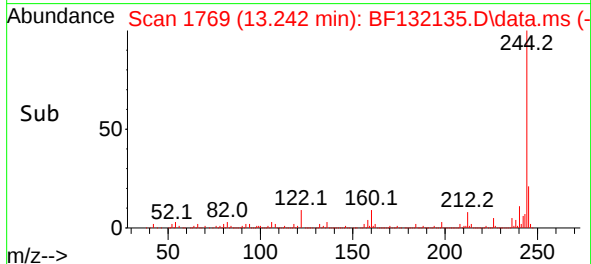
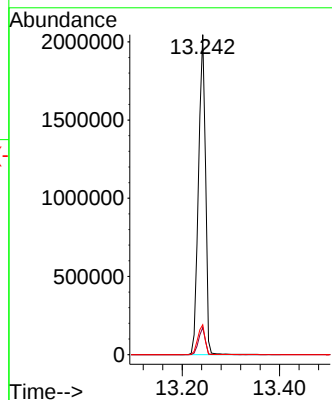
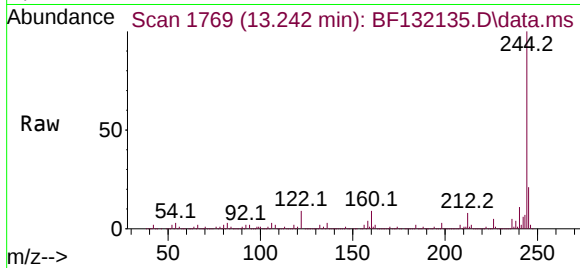




#79
 Terphenyl-d14
 Concen: 55.497 ng
 RT: 13.242 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:244 Resp: 2026848
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 9.3 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.907 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

Tgt Ion:264 Resp: 475952
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.1 17.5 26.3

