

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131048.D
 Acq On : 07 Nov 2022 17:43
 Operator : CG\JU
 Sample : N5415-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-18

Quant Time: Nov 08 02:17:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

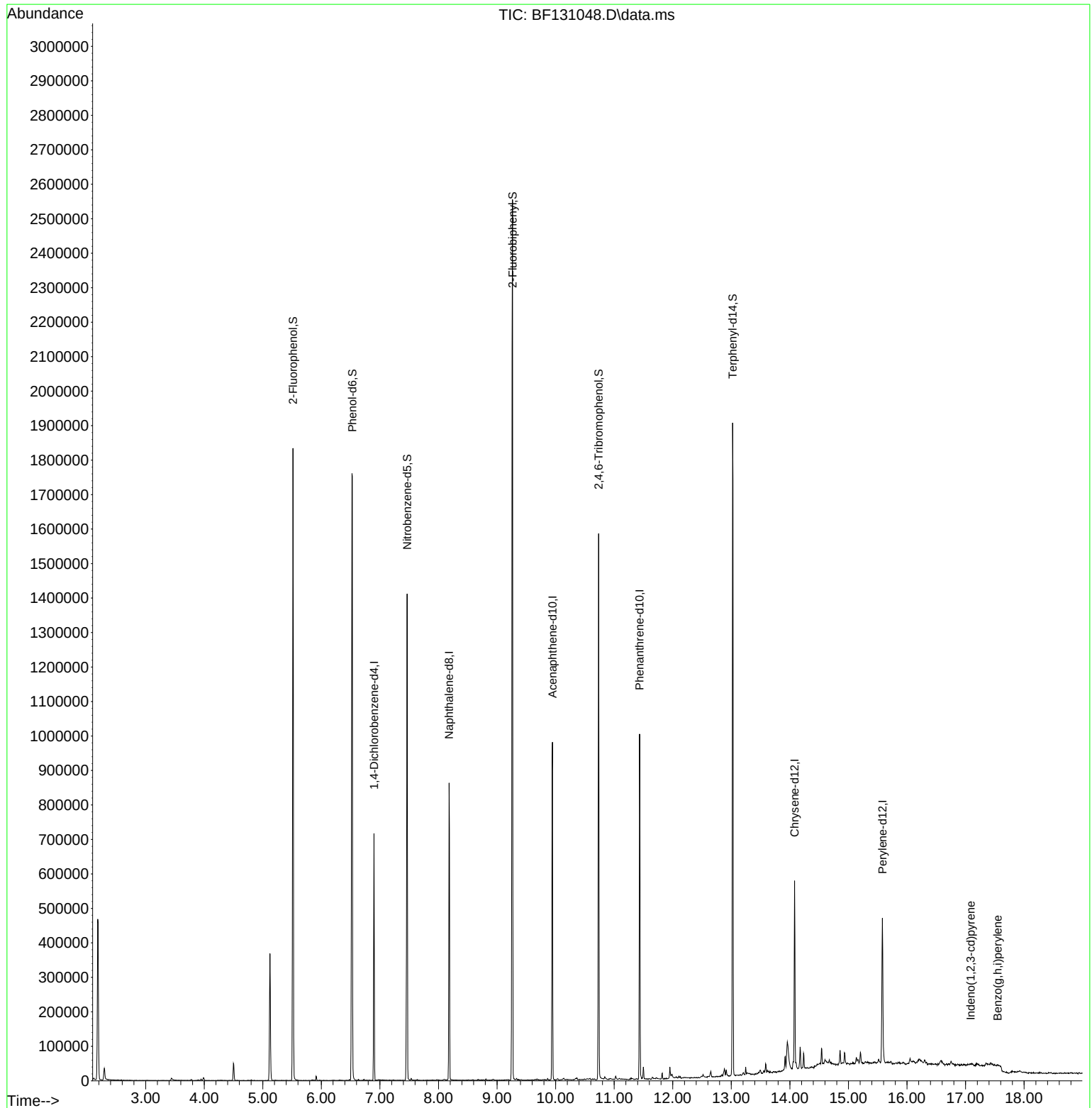
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	88318	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	352962	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	192417	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	342565	20.000	ng	0.00
76) Chrysene-d12	14.080	240	178043	20.000	ng	-0.01
86) Perylene-d12	15.580	264	186414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	424058	77.424	ng	0.00
7) Phenol-d6	6.528	99	613919	91.834	ng	0.00
23) Nitrobenzene-d5	7.463	82	405601	53.266	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	152372	71.926	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	725579	51.390	ng	0.00
79) Terphenyl-d14	13.022	244	657005	59.163	ng	-0.01
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.086	276	2884	3.493	ng	Qvalue # 83
92) Benzo(g,h,i)perylene	17.545	276	2975	3.603	ng	# 88

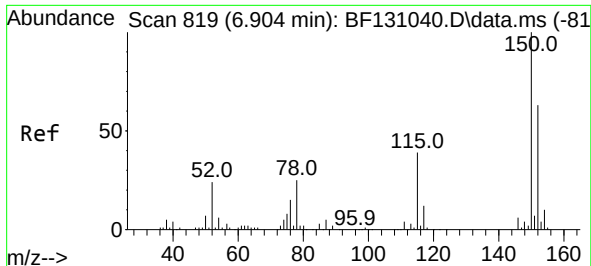
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131048.D
Acq On : 07 Nov 2022 17:43
Operator : CG\JU
Sample : N5415-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-18

Quant Time: Nov 08 02:17:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

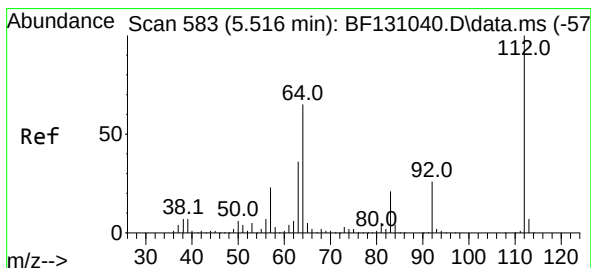
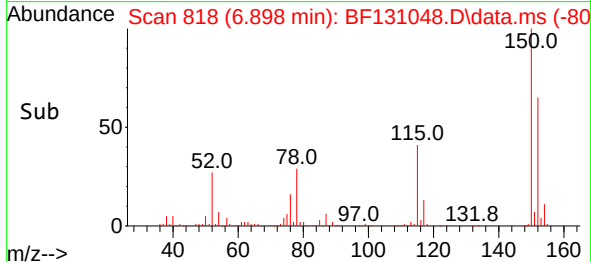
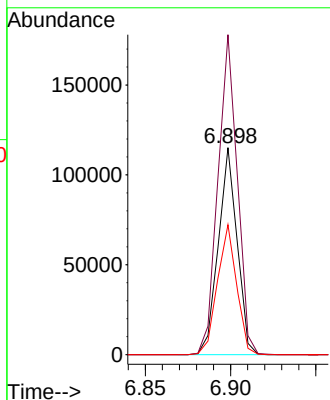
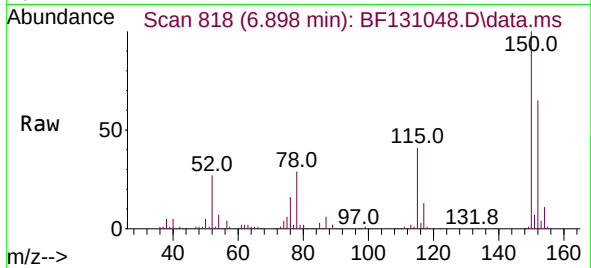




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

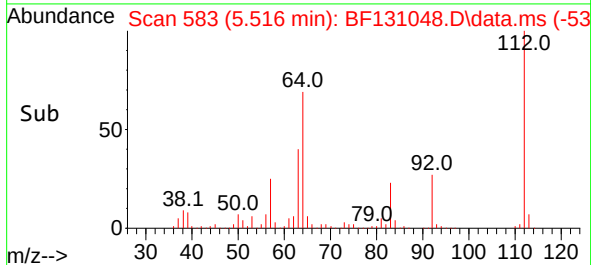
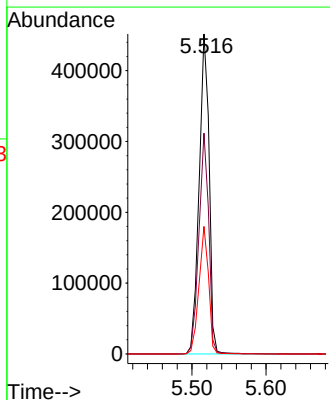
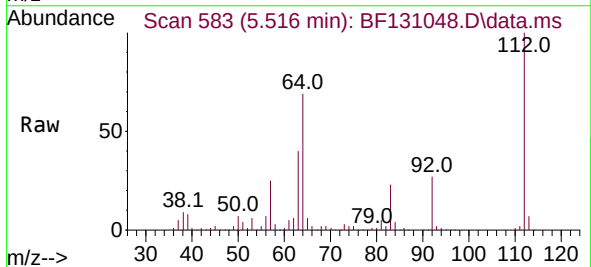
Instrument :
 BNA_F
 ClientSampleId :
 R-18

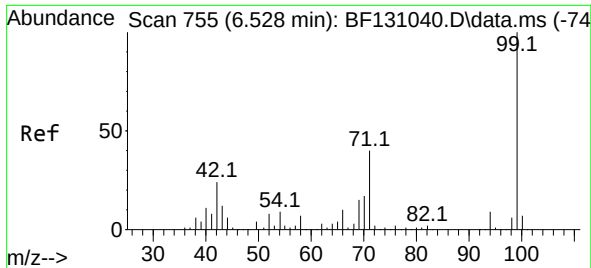
Tgt Ion:152 Resp: 88318
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.6 189.8
 115 62.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 77.424 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.000 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

Tgt Ion:112 Resp: 424058
 Ion Ratio Lower Upper
 112 100
 64 69.0 52.2 78.4
 63 39.8 29.0 43.4

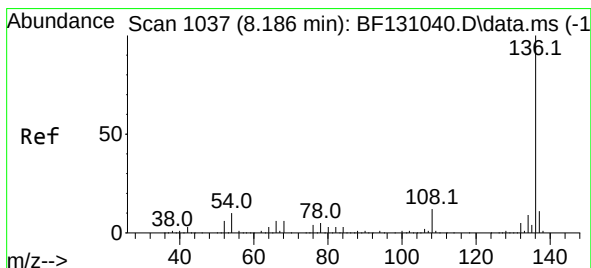
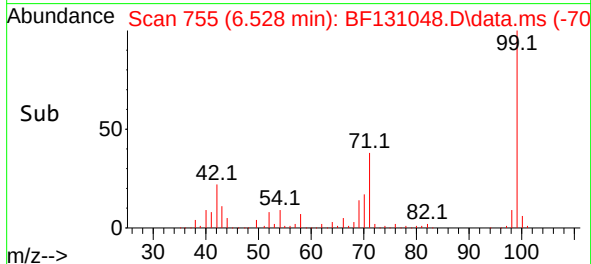
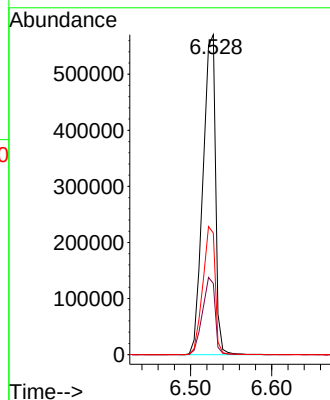
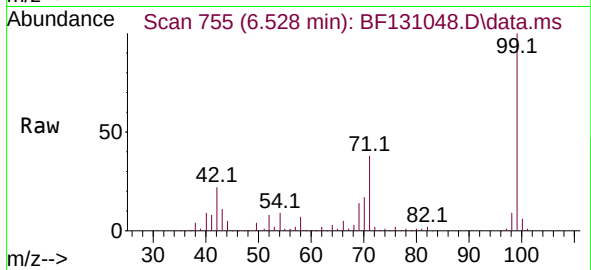




#7
Phenol-d6
Concen: 91.834 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

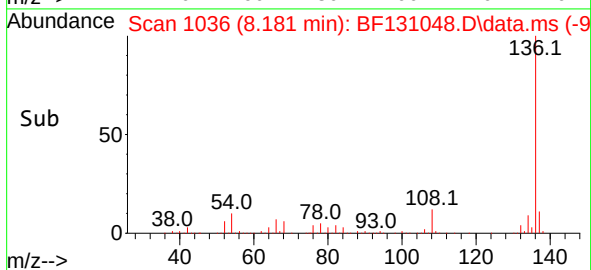
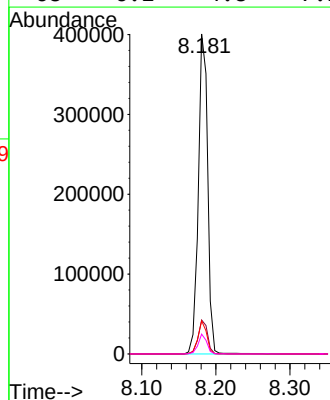
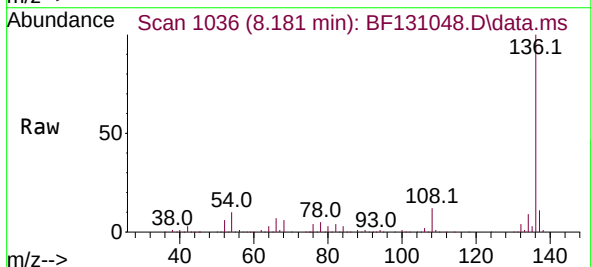
Instrument :
BNA_F
ClientSampleId :
R-18

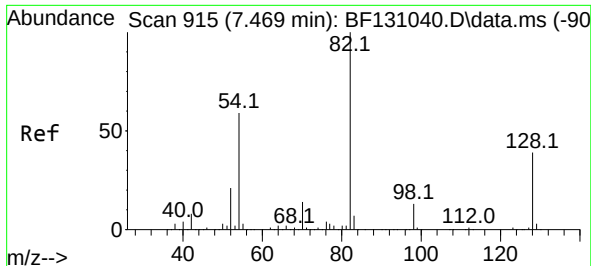
Tgt Ion: 99 Resp: 613919
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.0
71 38.0 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:136 Resp: 352962
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.3 8.2 12.2
68 6.2 4.8 7.2

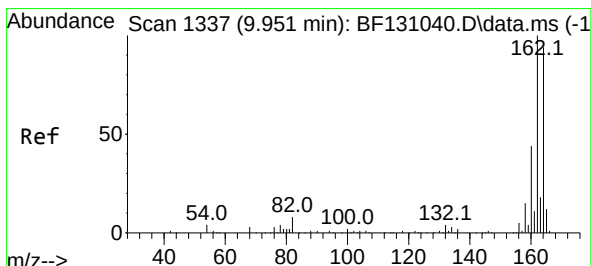
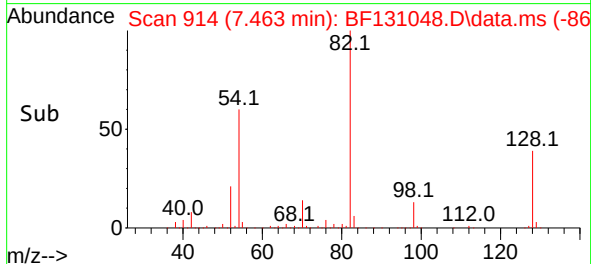
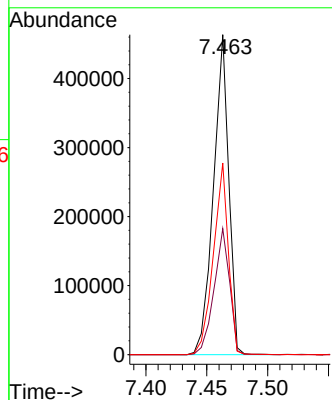
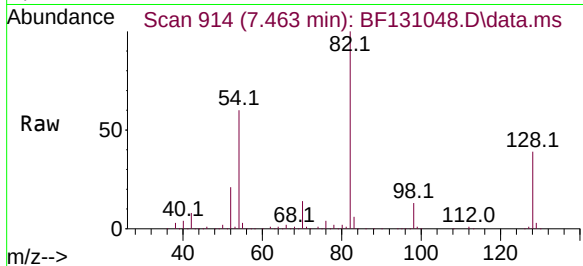




#23
Nitrobenzene-d5
Concen: 53.266 ng
RT: 7.463 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

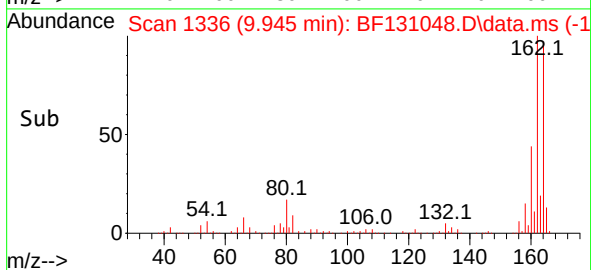
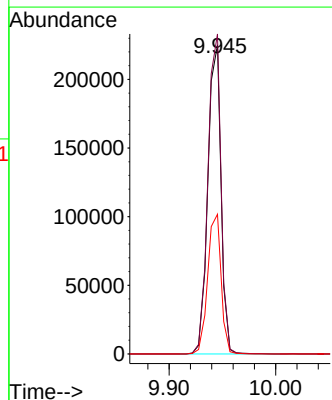
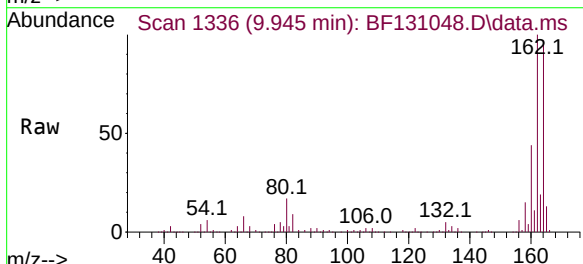
Instrument :
BNA_F
ClientSampleId :
R-18

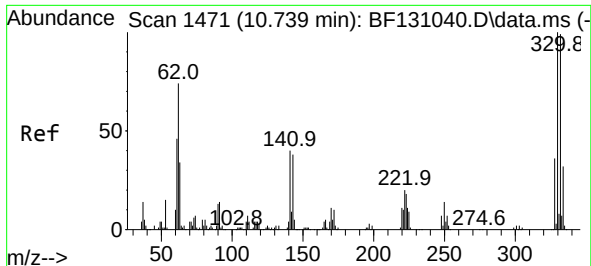
Tgt Ion: 82 Resp: 405601
Ion Ratio Lower Upper
82 100
128 39.4 31.3 46.9
54 59.9 47.2 70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131048.D
Acq: 07 Nov 2022 17:43

Tgt Ion:164 Resp: 192417
Ion Ratio Lower Upper
164 100
162 103.5 85.0 127.6
160 45.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 71.926 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_F

ClientSampleId :

R-18

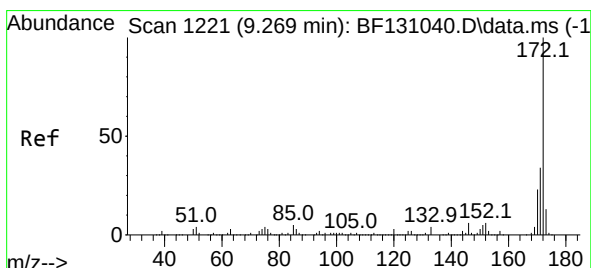
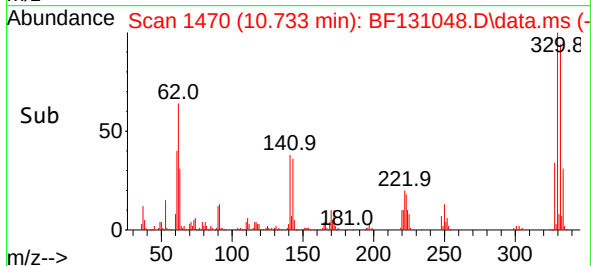
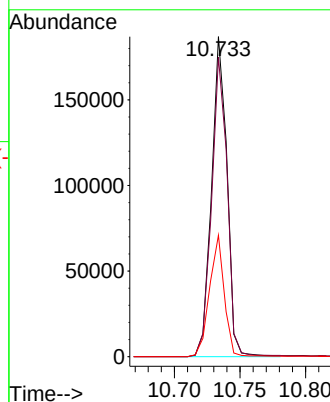
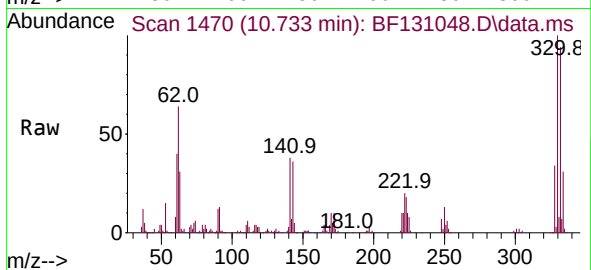
Tgt Ion:330 Resp: 152372

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 36.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 51.390 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

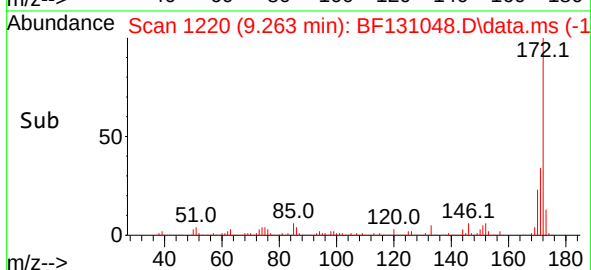
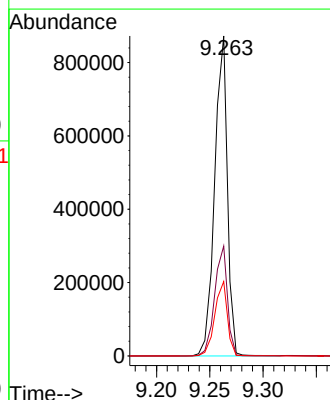
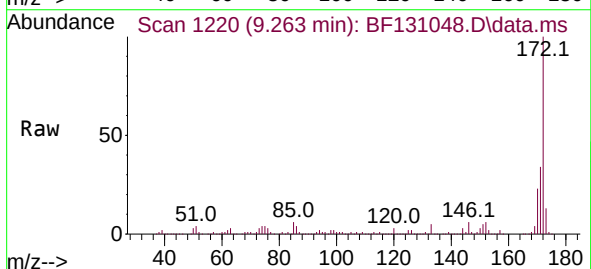
Tgt Ion:172 Resp: 725579

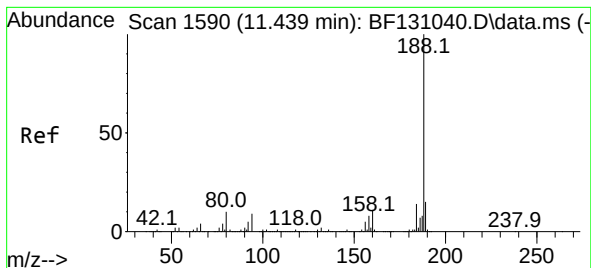
Ion Ratio Lower Upper

172 100

171 34.3 27.7 41.5

170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_F

ClientSampleId :

R-18

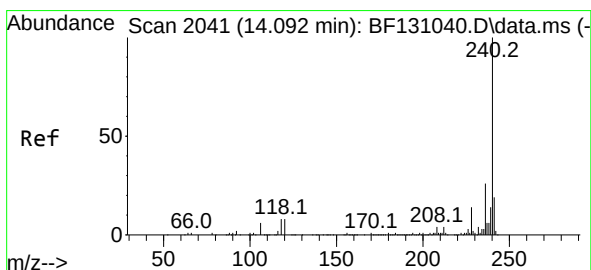
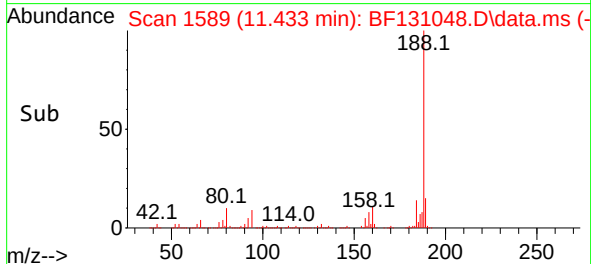
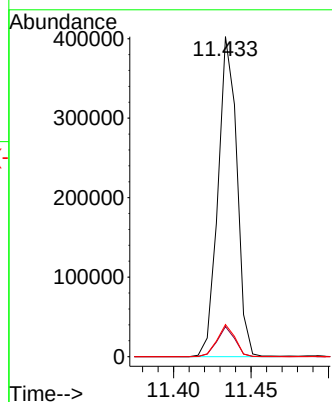
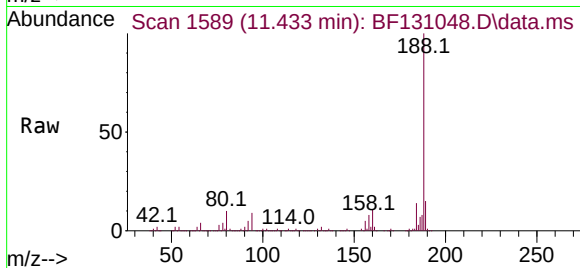
Tgt Ion:188 Resp: 342565

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.011 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

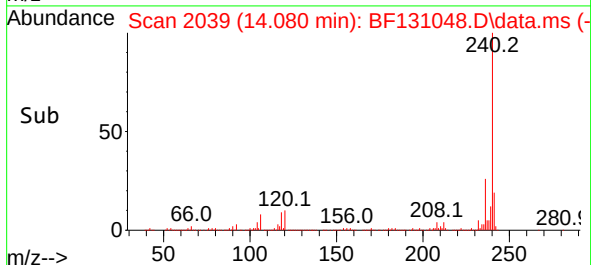
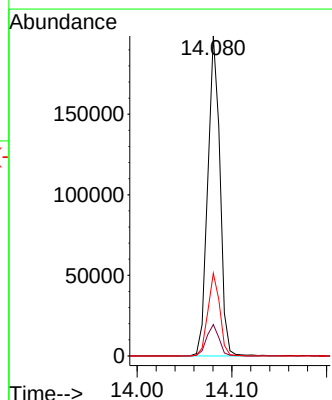
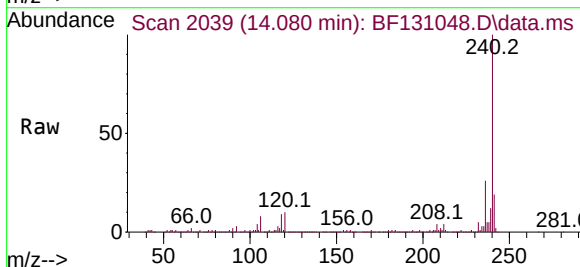
Tgt Ion:240 Resp: 178043

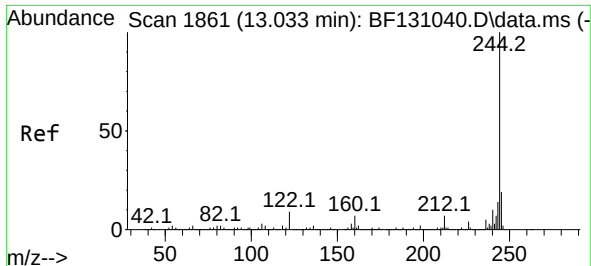
Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

236 25.8 20.8 31.2

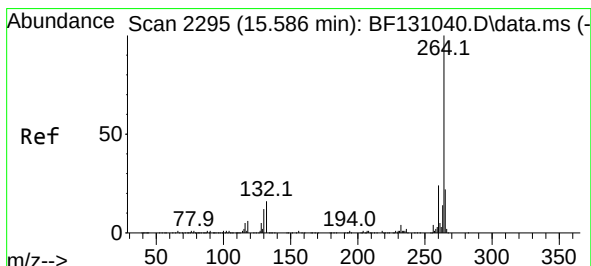
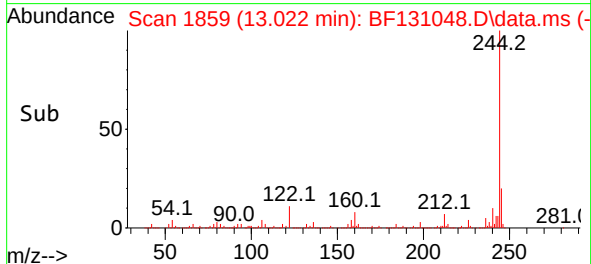
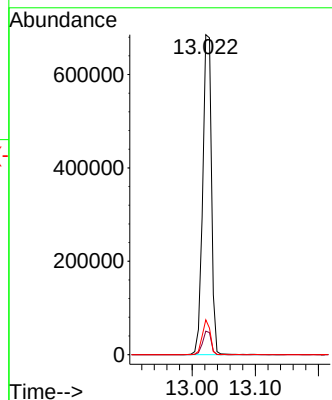
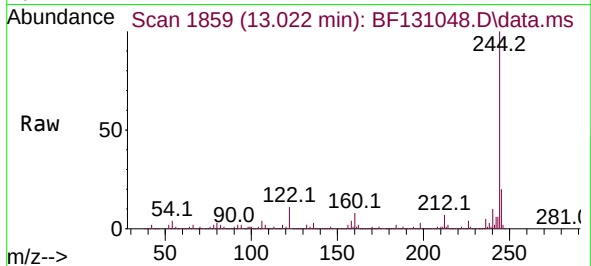




#79
 Terphenyl-d14
 Concen: 59.163 ng
 RT: 13.022 min Scan# 1861
 Delta R.T. -0.011 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

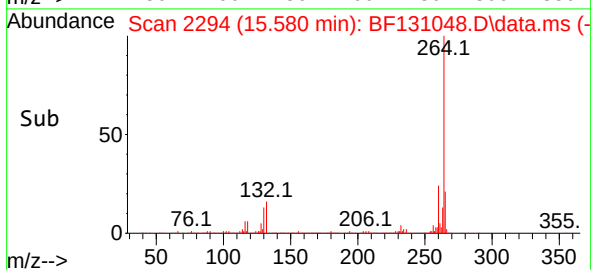
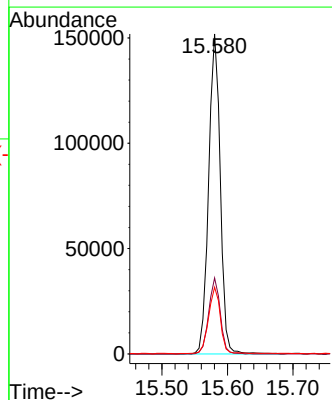
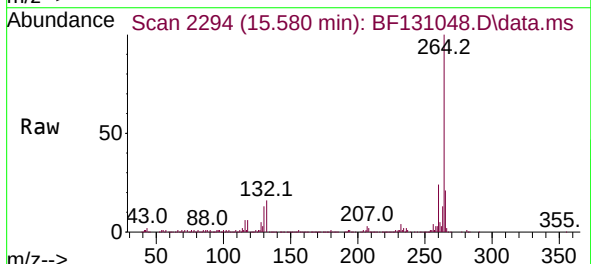
Instrument :
 BNA_F
 ClientSampleId :
 R-18

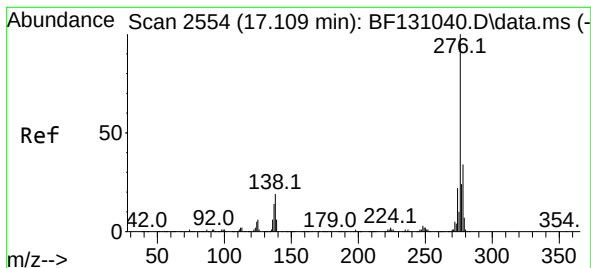
Tgt Ion:244 Resp: 657005
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131048.D
 Acq: 07 Nov 2022 17:43

Tgt Ion:264 Resp: 186414
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 20.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.493 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

Instrument :

BNA_F

ClientSampleId :

R-18

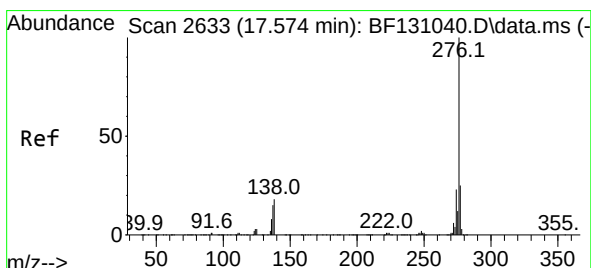
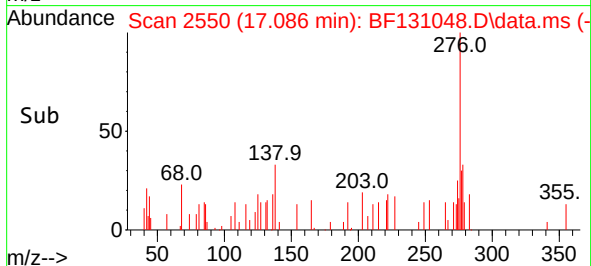
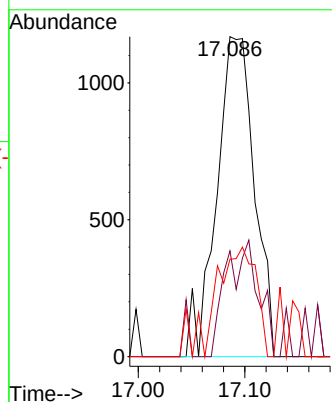
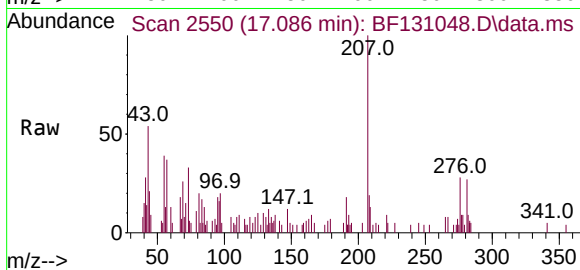
Tgt Ion:276 Resp: 2884

Ion Ratio Lower Upper

276 100

138 13.5 17.3 25.9#

277 33.5 20.2 30.4#



#92

Benzo(g,h,i)perylene

Concen: 3.603 ng

RT: 17.545 min Scan# 2628

Delta R.T. -0.029 min

Lab File: BF131048.D

Acq: 07 Nov 2022 17:43

Tgt Ion:276 Resp: 2975

Ion Ratio Lower Upper

276 100

277 15.6 20.0 30.0#

138 17.8 14.8 22.2

