

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132660.D
 Acq On : 06 Mar 2023 21:16
 Operator : CG\JU
 Sample : 01787-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 00:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	187392	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	687345	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	360234	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	632200	20.000	ng	0.00
76) Chrysene-d12	14.198	240	298093	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	364347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	997579	86.399	ng	0.00
7) Phenol-d6	6.622	99	1270258	84.297	ng	-0.01
23) Nitrobenzene-d5	7.563	82	817846	56.452	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	305626	78.560	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1339136	56.604	ng	-0.01
79) Terphenyl-d14	13.133	244	1164012	66.021	ng	0.00

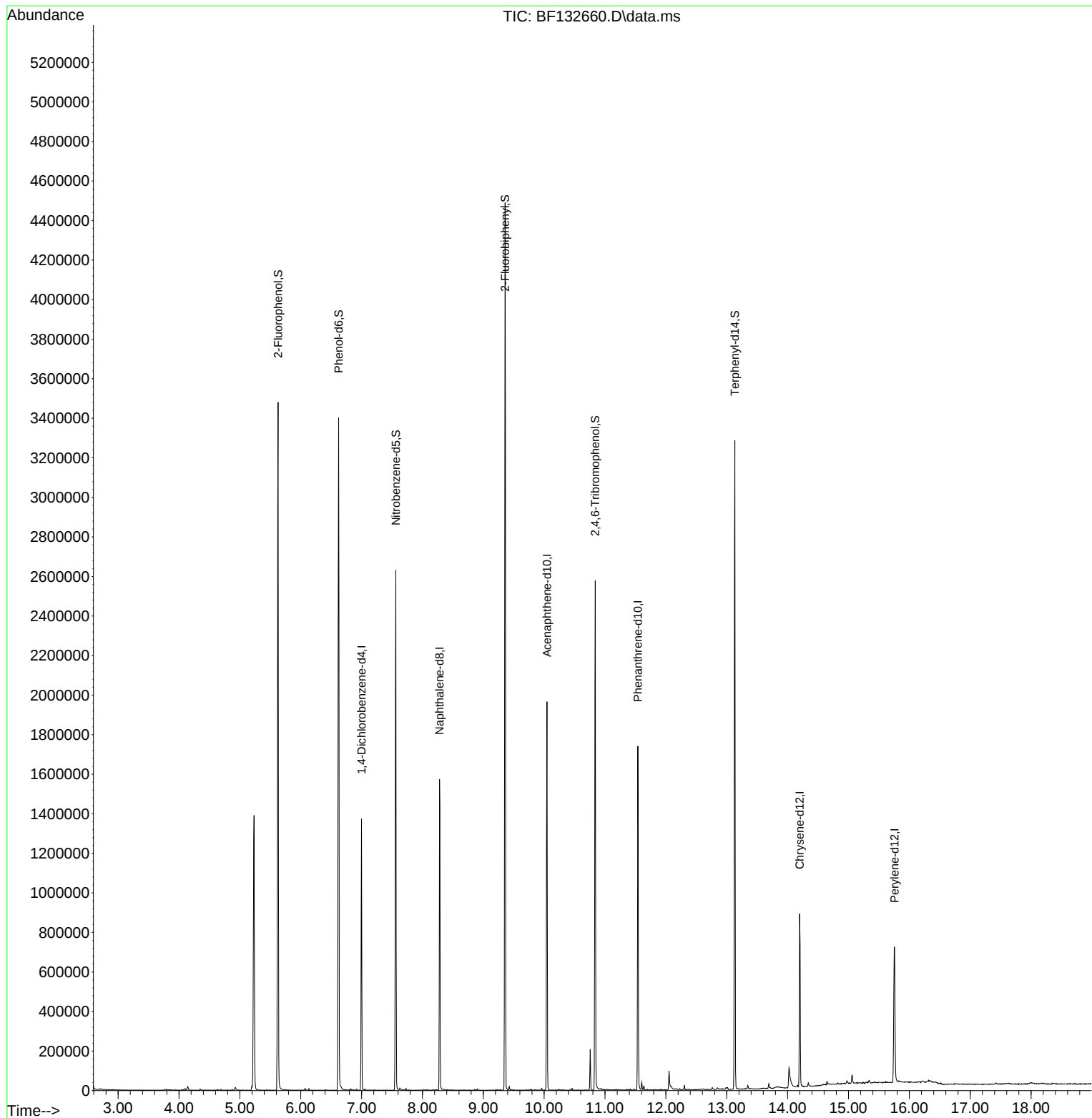
Target Compounds	Qvalue

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

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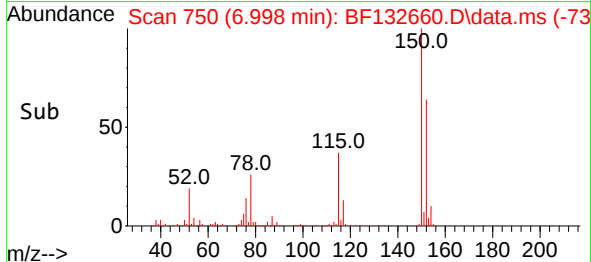
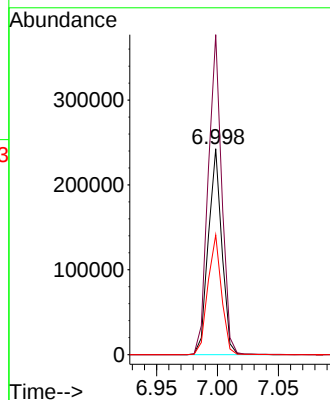
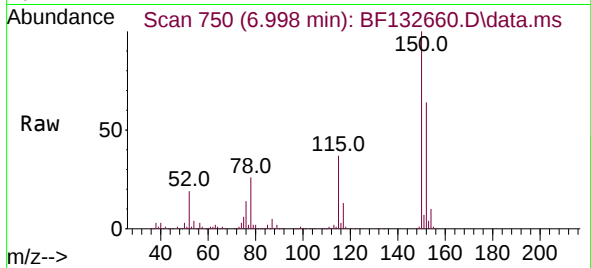




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

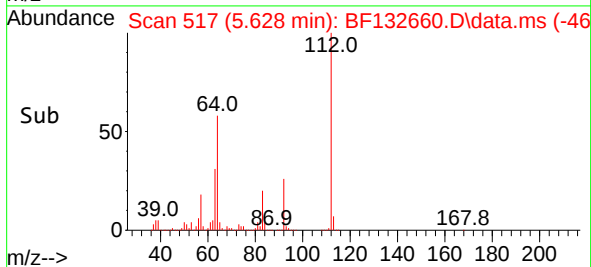
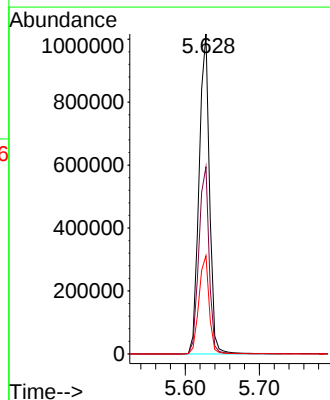
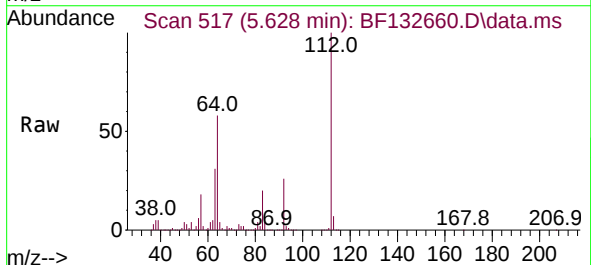
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 187392
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 58.1 47.8 71.6



#5
2-Fluorophenol
Concen: 86.399 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion:112 Resp: 997579
Ion Ratio Lower Upper
112 100
64 58.4 51.6 77.4
63 30.7 27.4 41.2

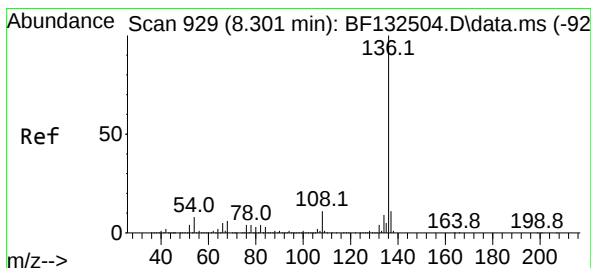
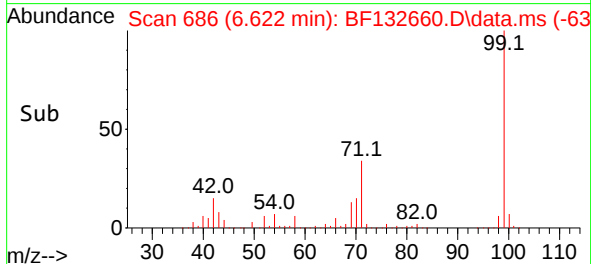
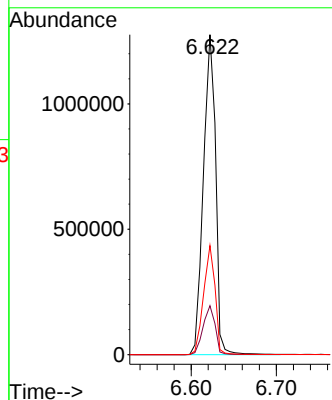
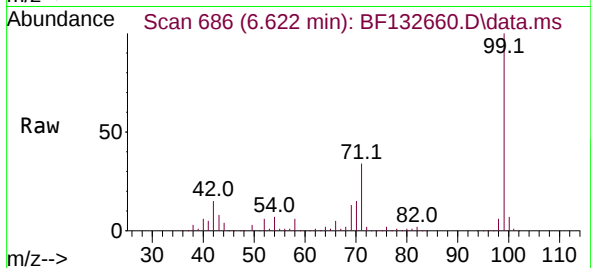




#7
Phenol-d6
Concen: 84.297 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

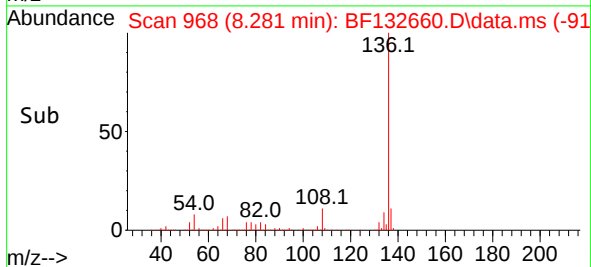
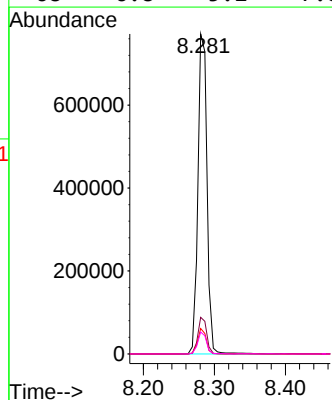
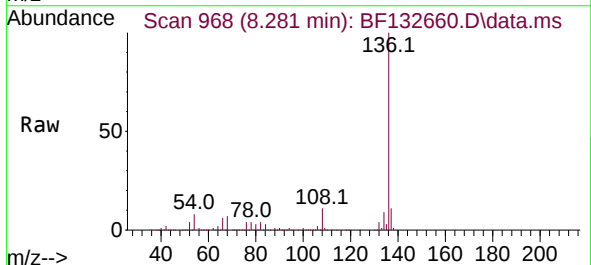
Instrument :
BNA_F
ClientSampleId :
COMP-2

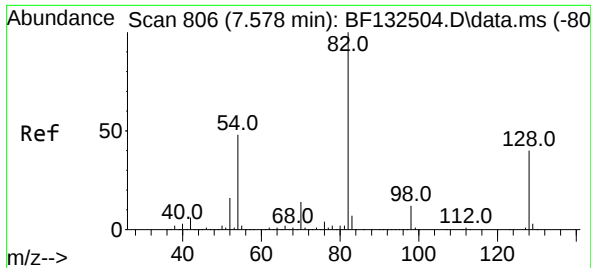
Tgt Ion: 99 Resp: 1270258
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 34.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion: 136 Resp: 687345
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 6.8 5.2 7.8

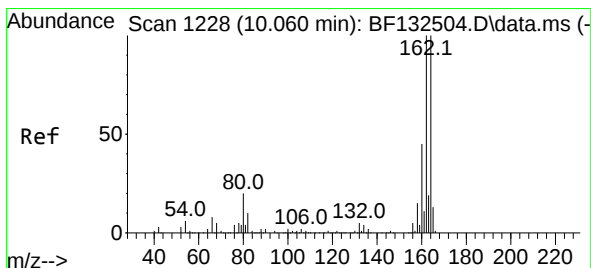
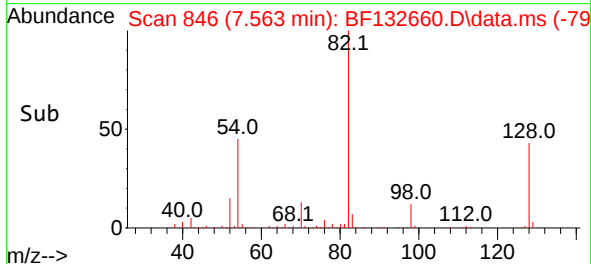
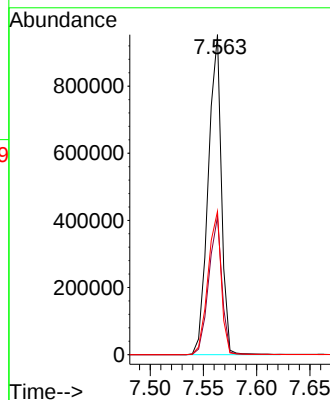
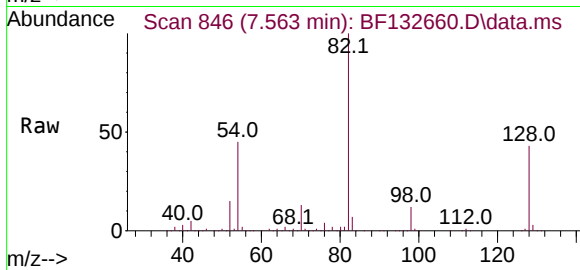




#23
Nitrobenzene-d5
Concen: 56.452 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

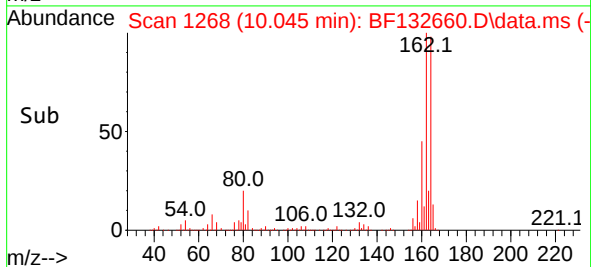
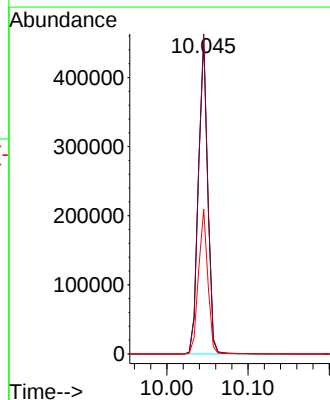
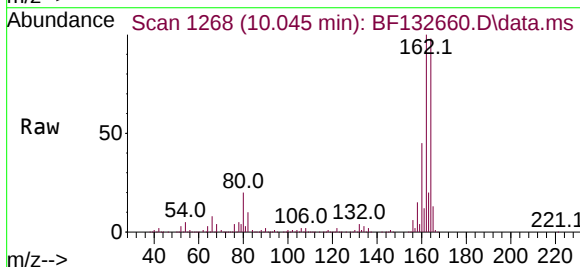
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 817846
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.8 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

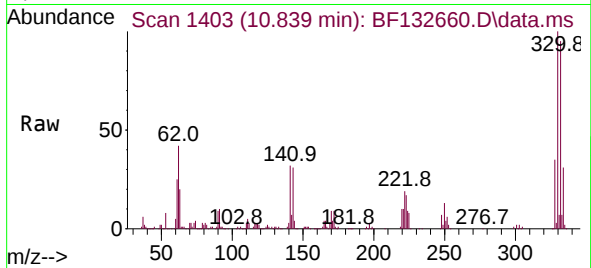
Tgt Ion:164 Resp: 360234
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 46.0 35.8 53.6



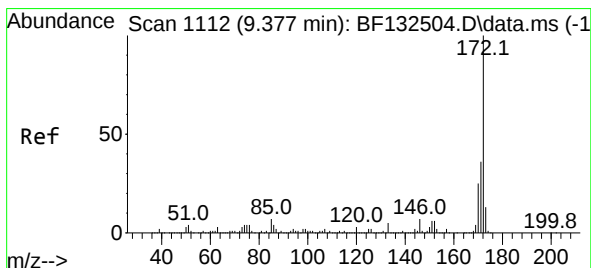
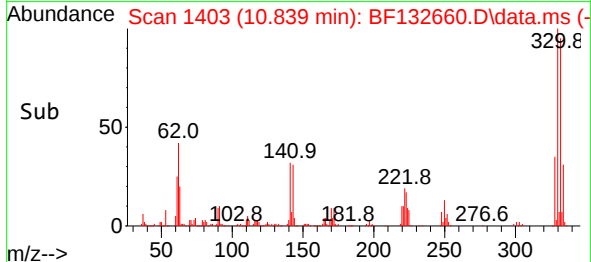
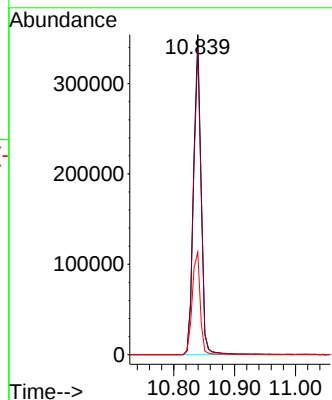


#42
2,4,6-Tribromophenol
Concen: 78.560 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Instrument :
BNA_F
ClientSampleId :
COMP-2

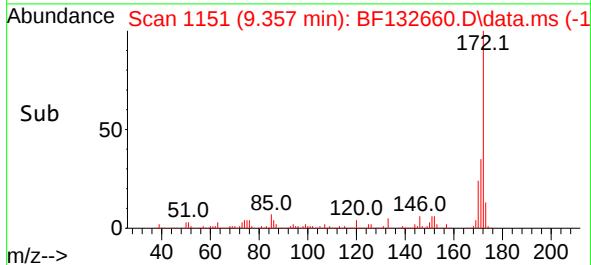
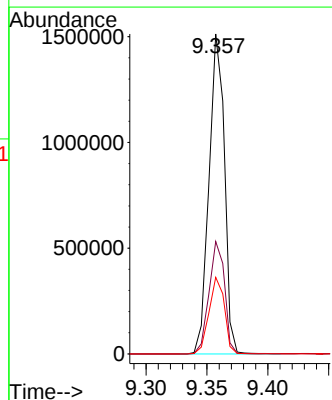
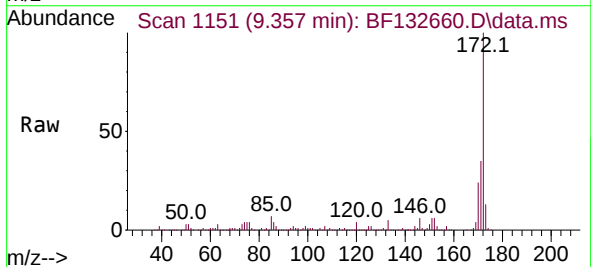


Tgt Ion:330 Resp: 305626
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 33.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 56.604 ng
RT: 9.357 min Scan# 1151
Delta R.T. -0.015 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion:172 Resp: 1339136
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.9 19.7 29.5

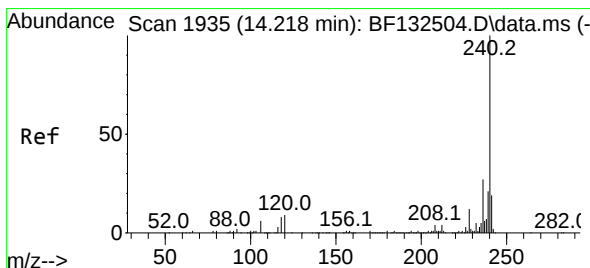
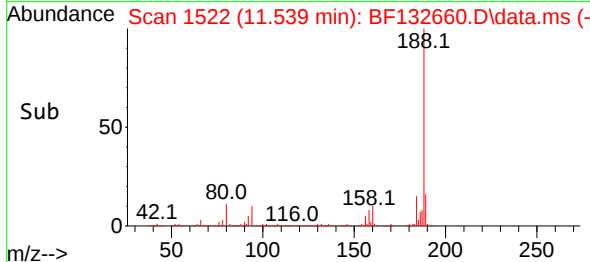
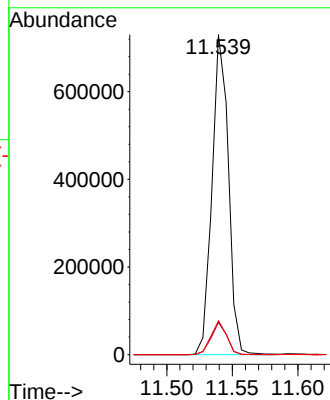
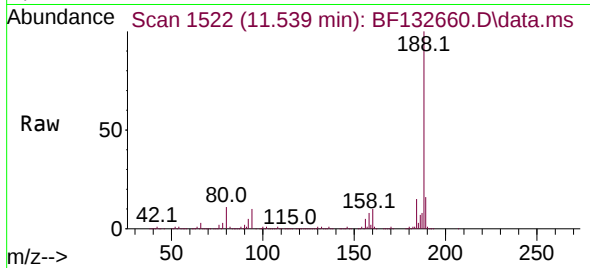




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

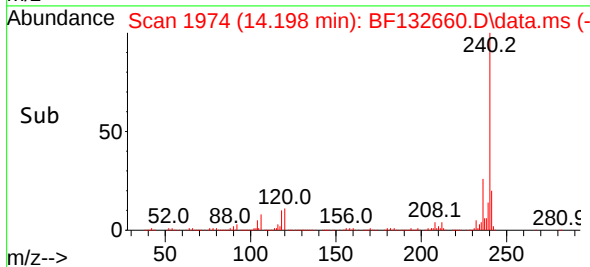
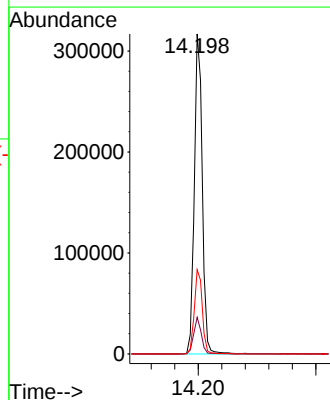
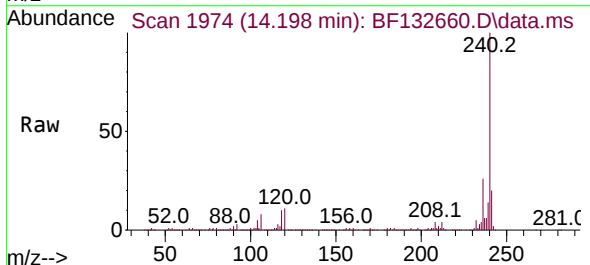
Instrument :
BNA_F
ClientSampleId :
COMP-2

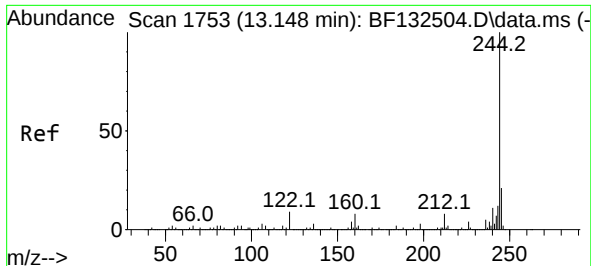
Tgt Ion:188 Resp: 632200
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion:240 Resp: 298093
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.4 21.8 32.6





#79

Terphenyl-d14

Concen: 66.021 ng

RT: 13.133 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-2

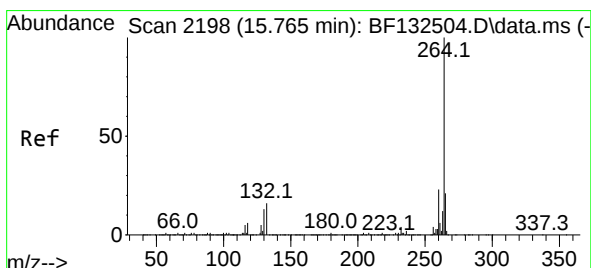
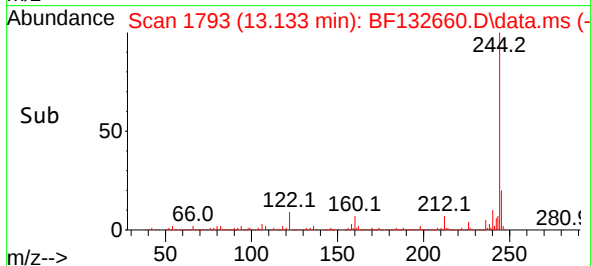
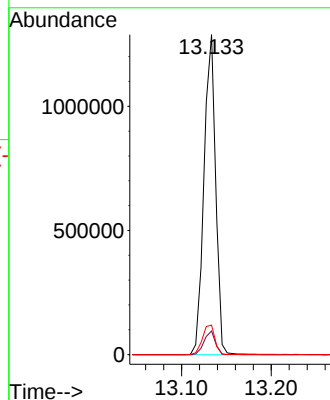
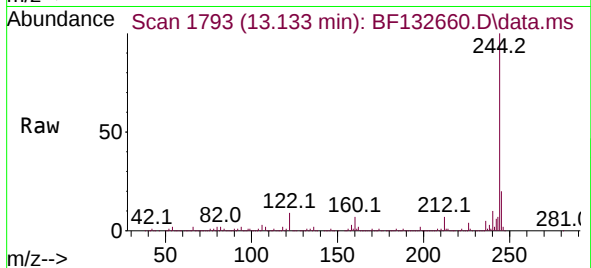
Tgt Ion:244 Resp: 1164012

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 9.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Tgt Ion:264 Resp: 364347

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.2 17.1 25.7

