

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132843.D
 Acq On : 18 Mar 2023 02:20
 Operator : CG\JU
 Sample : 01965-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 18 04:08:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	224755	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	854964	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	463352	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	892320	20.000	ng	0.00
76) Chrysene-d12	14.145	240	630846	20.000	ng	0.00
86) Perylene-d12	15.668	264	522231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1230979	92.419	ng	0.00
7) Phenol-d6	6.593	99	1589580	91.944	ng	0.00
23) Nitrobenzene-d5	7.522	82	1010326	60.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	434822	88.278	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1631635	57.845	ng	0.00
79) Terphenyl-d14	13.080	244	2012433	57.603	ng	0.00

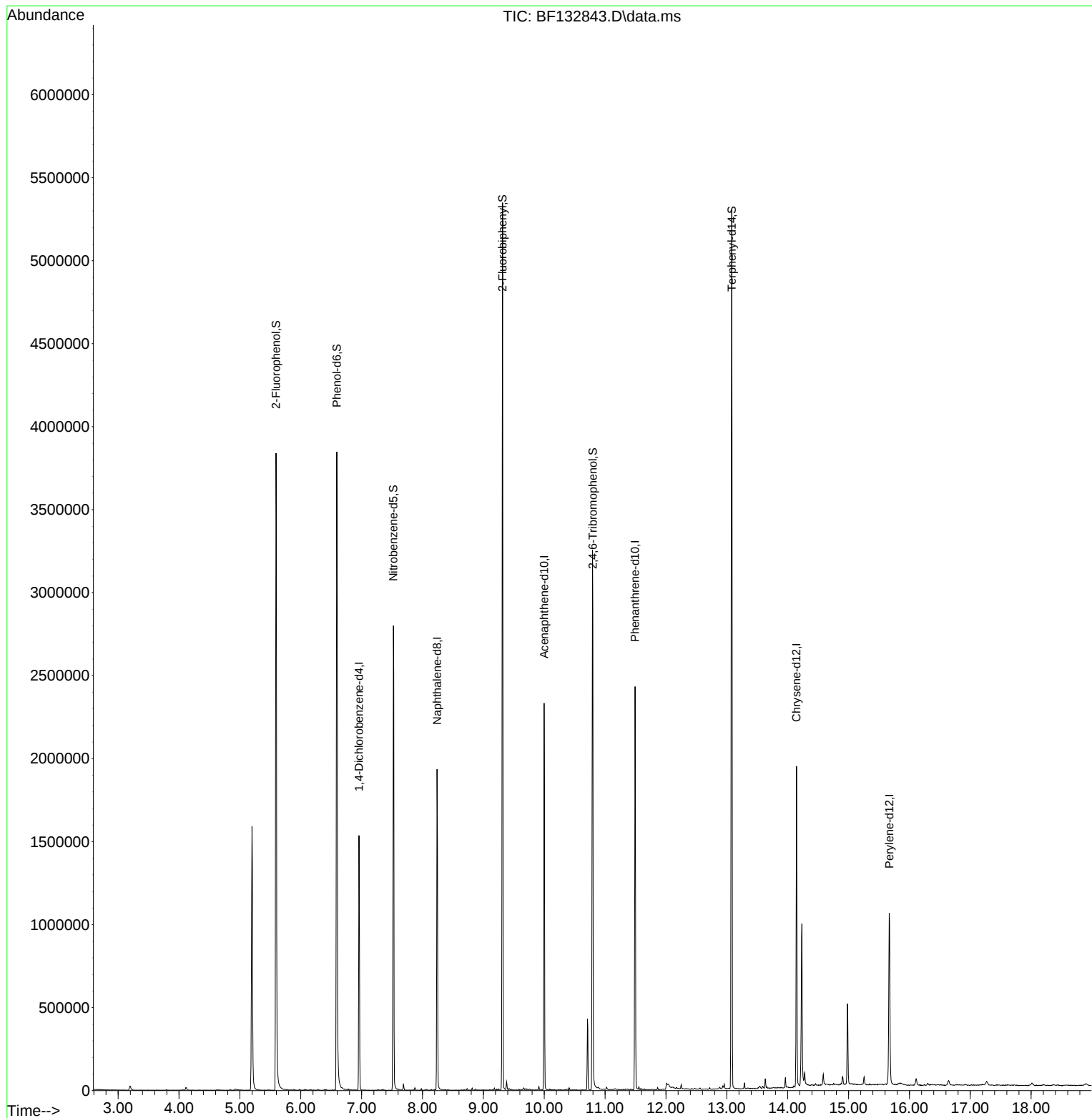
Target Compounds	Qvalue

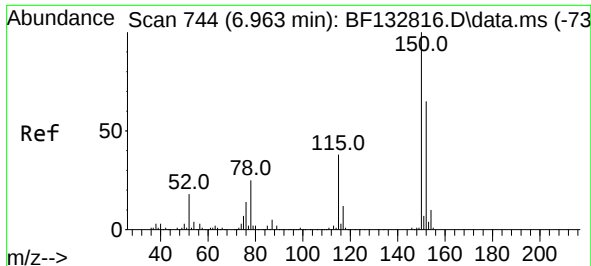
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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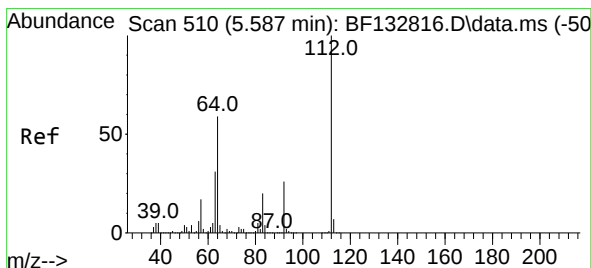
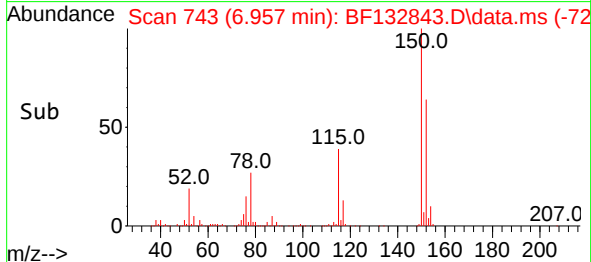
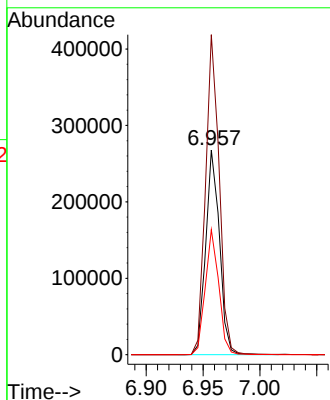
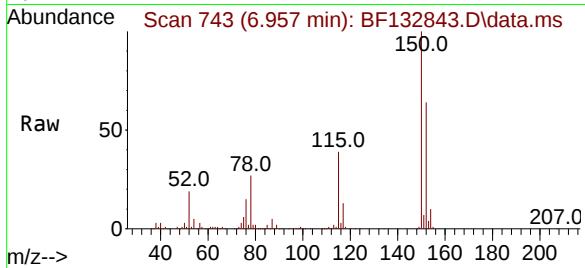




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

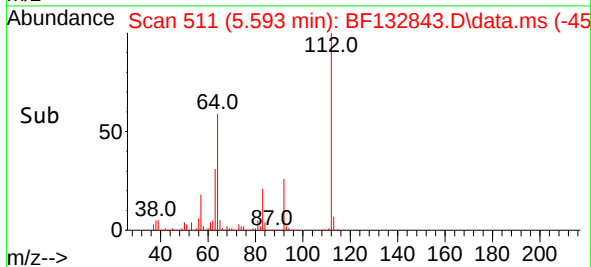
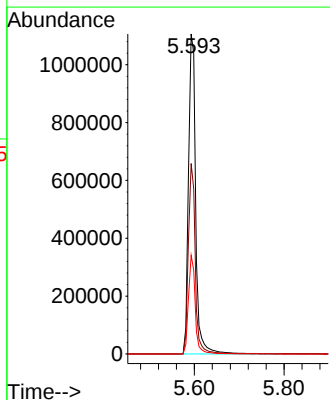
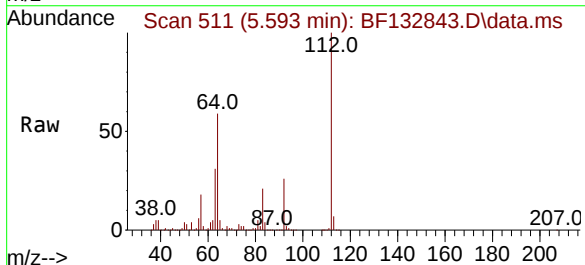
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

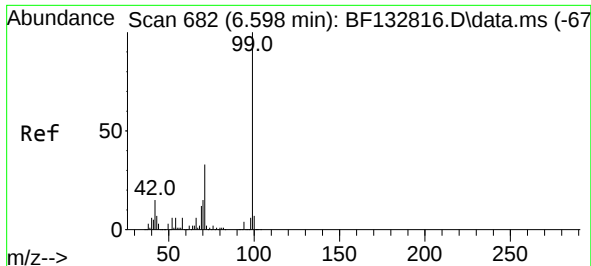
Tgt Ion:152 Resp: 224755
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.7 184.1
 115 61.0 46.2 69.4



#5
 2-Fluorophenol
 Concen: 92.419 ng
 RT: 5.593 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

Tgt Ion:112 Resp: 1230979
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.1 70.7
 63 30.8 24.4 36.6

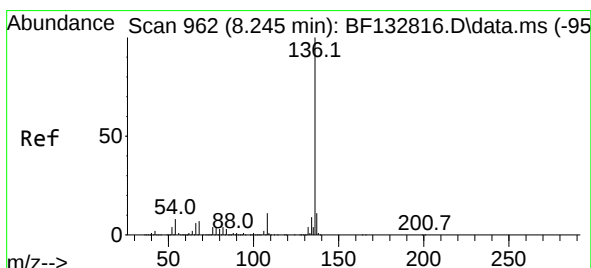
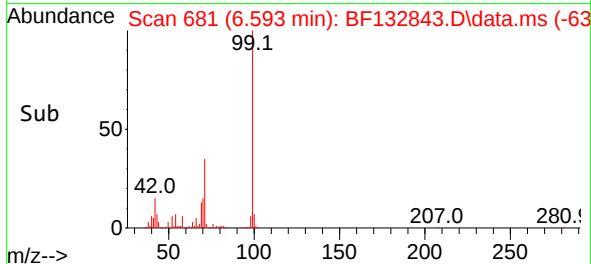
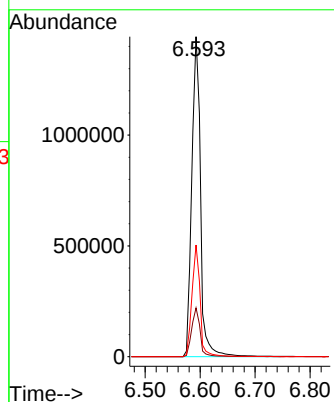
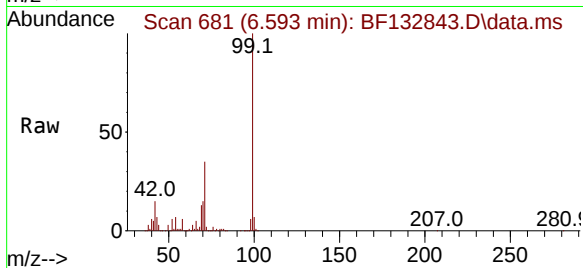




#7
Phenol-d6
Concen: 91.944 ng
RT: 6.593 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

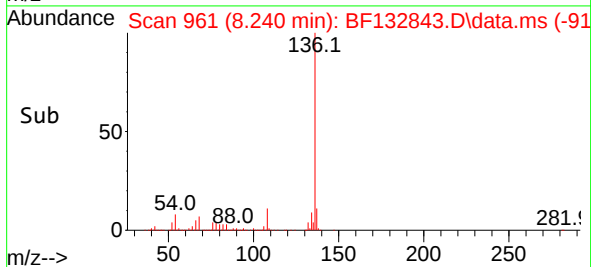
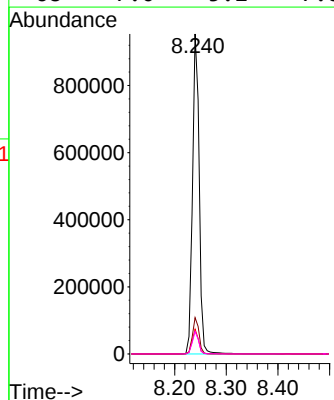
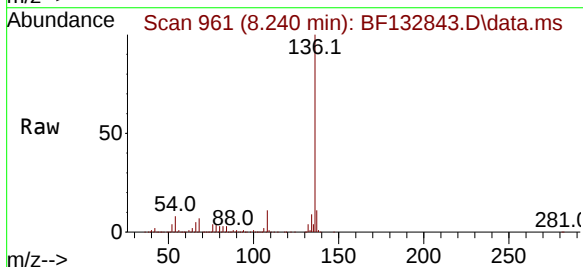
Instrument :
BNA_F
ClientSampleId :
COMP-3

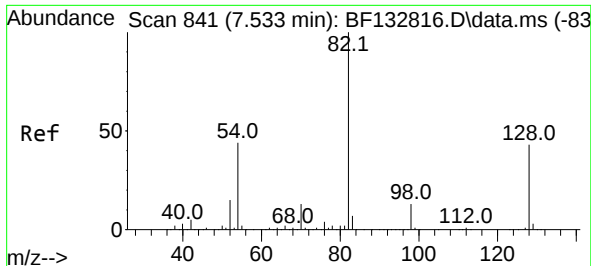
Tgt Ion: 99 Resp: 1589580
Ion Ratio Lower Upper
99 100
42 15.3 11.9 17.9
71 34.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion: 136 Resp: 854964
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.8 6.1 9.1
68 7.0 5.2 7.8

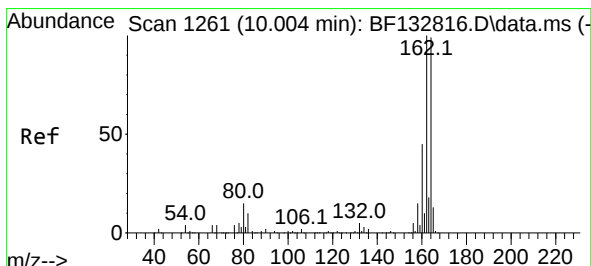
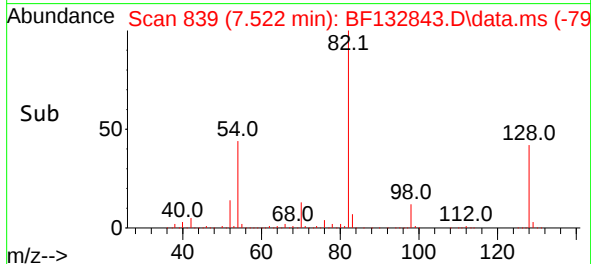
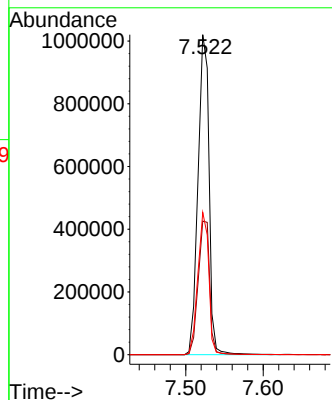
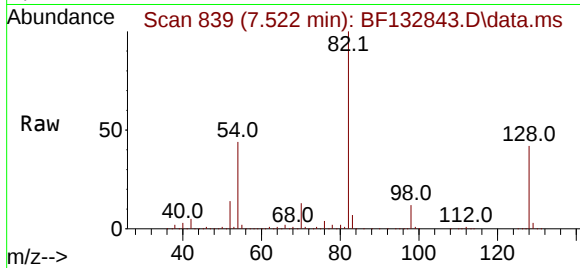




#23
Nitrobenzene-d5
Concen: 60.474 ng
RT: 7.522 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

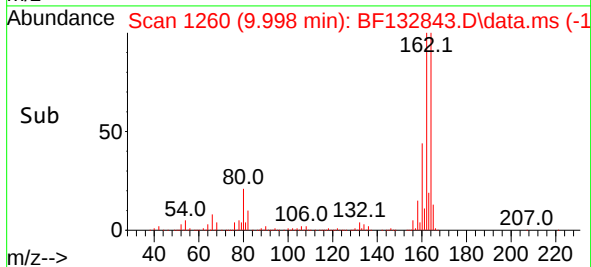
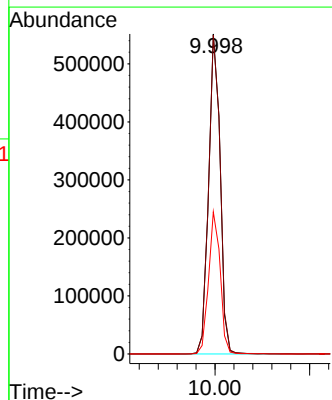
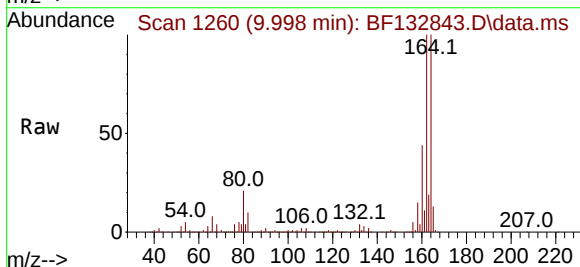
Instrument :
BNA_F
ClientSampleId :
COMP-3

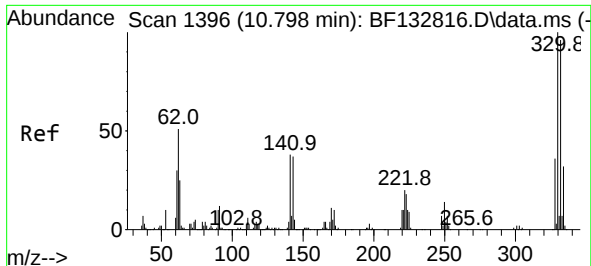
Tgt Ion: 82 Resp: 1010326
Ion Ratio Lower Upper
82 100
128 41.7 34.4 51.6
54 44.5 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:164 Resp: 463352
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 88.278 ng

RT: 10.798 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132843.D

Acq: 18 Mar 2023 02:20

Instrument :

BNA_F

ClientSampleId :

COMP-3

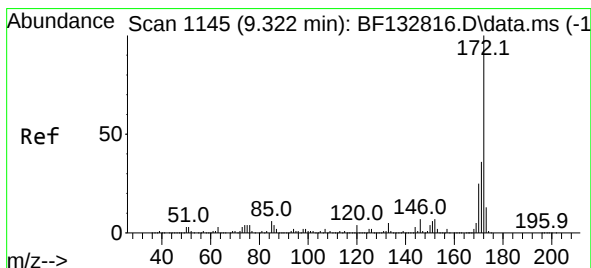
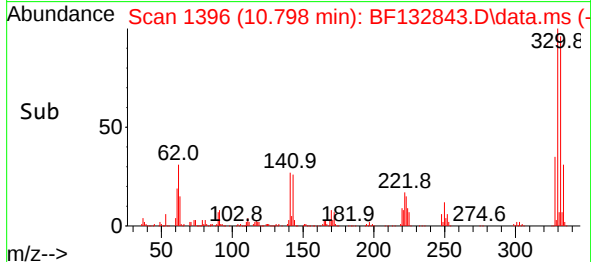
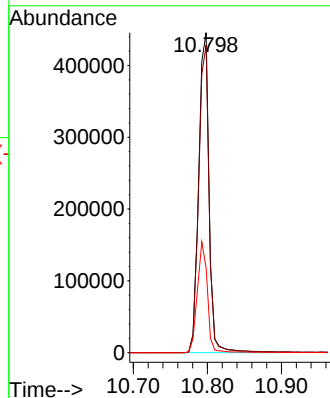
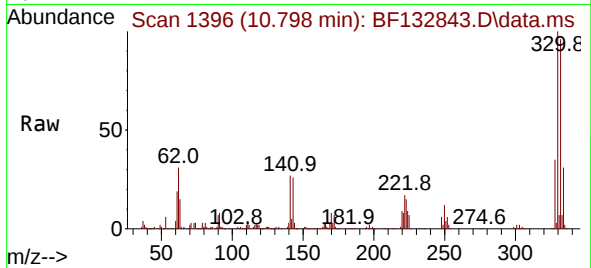
Tgt Ion:330 Resp: 434822

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 33.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 57.845 ng

RT: 9.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132843.D

Acq: 18 Mar 2023 02:20

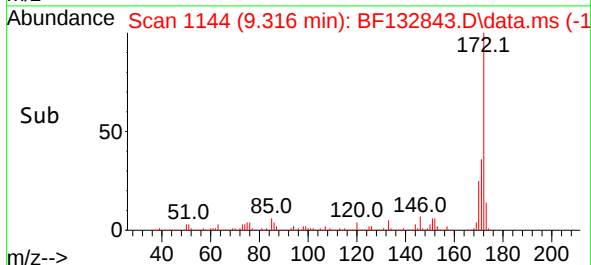
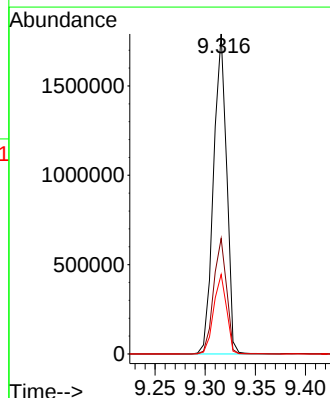
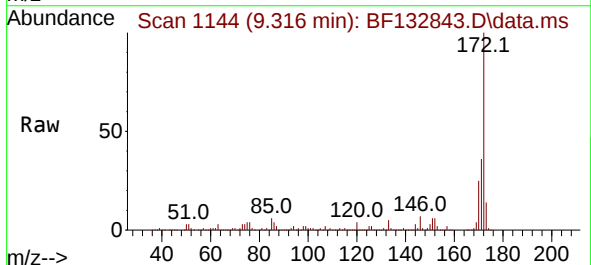
Tgt Ion:172 Resp: 1631635

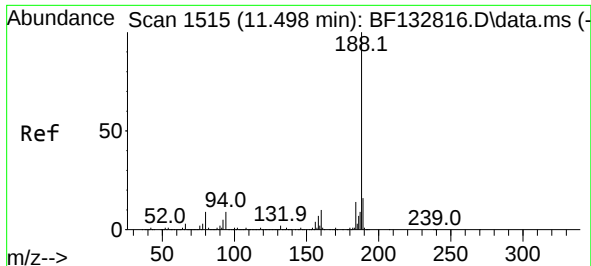
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.9 19.8 29.8

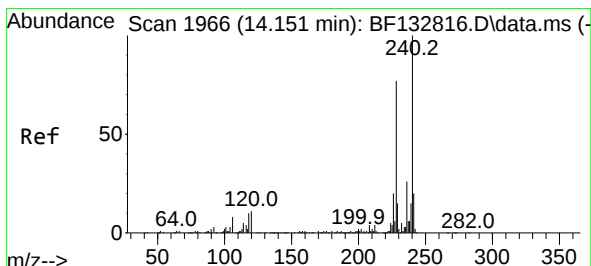
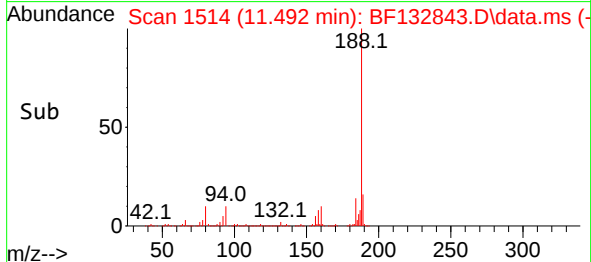
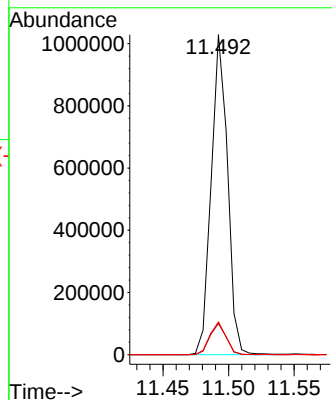
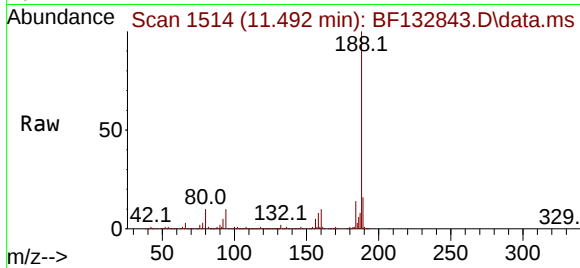




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

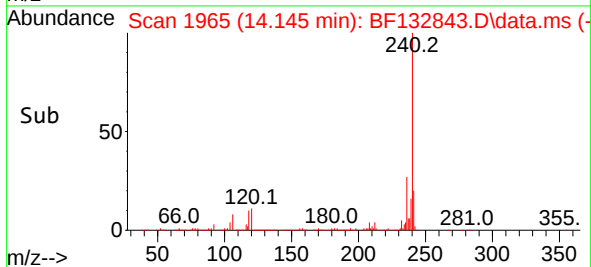
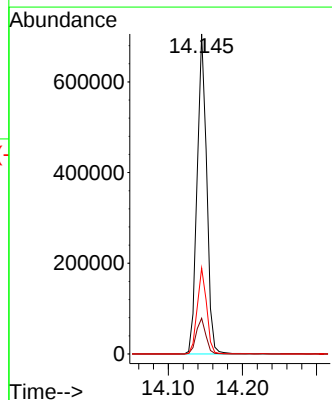
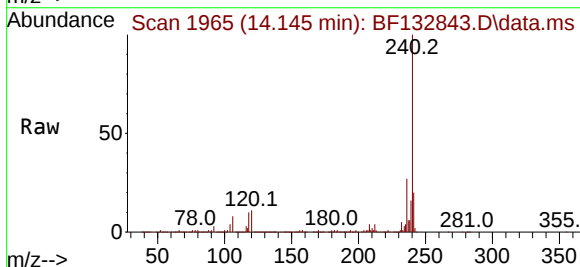
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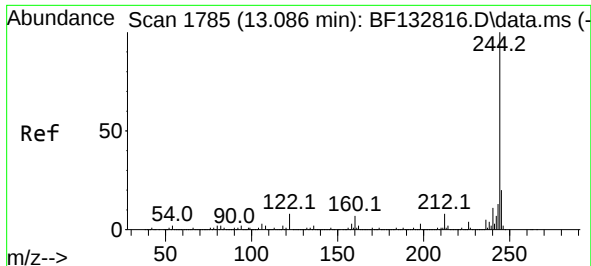
Tgt Ion:188 Resp: 892320
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:240 Resp: 630846
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 26.9 21.2 31.8

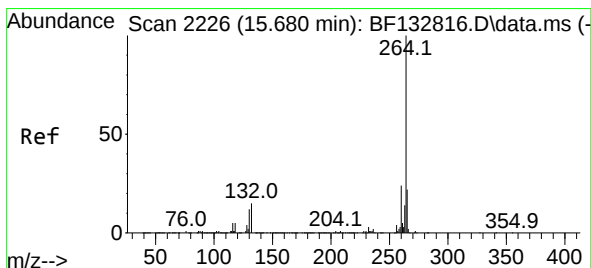
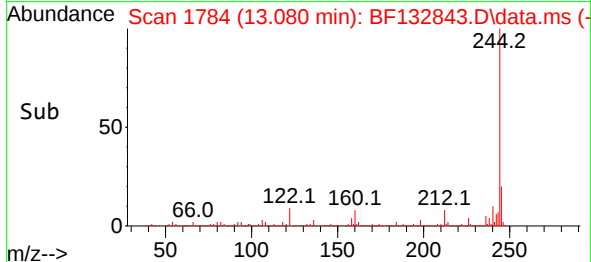
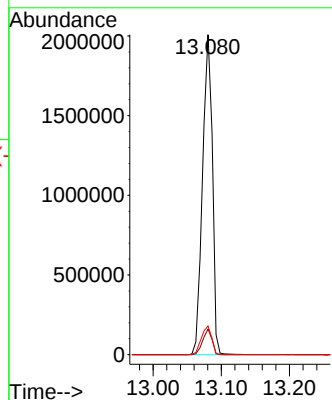
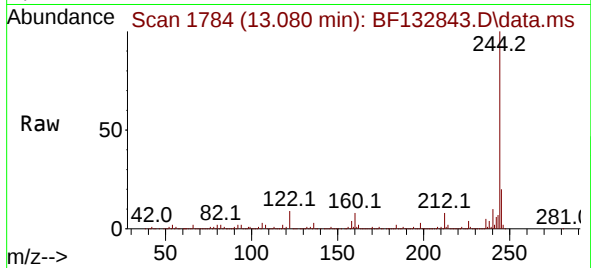




#79
 Terphenyl-d14
 Concen: 57.603 ng
 RT: 13.080 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 2012433
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.9 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2224
 Delta R.T. -0.012 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

Tgt Ion:264 Resp: 522231
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.7 17.4 26.0

