

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132451.D
 Acq On : 17 Feb 2023 13:17
 Operator : CG\JU
 Sample : 01539-10RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8RE

Quant Time: Feb 17 14:22:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	196571	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	735757	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	292174	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	722130	20.000	ng	0.00
76) Chrysene-d12	14.230	240	343735	20.000	ng	#-0.01
86) Perylene-d12	15.795	264	17292	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	1606090	130.922	ng	0.02
7) Phenol-d6	6.654	99	1746071	109.003	ng	0.00
23) Nitrobenzene-d5	7.595	82	1428104	93.264	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	544257	186.700	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2122079	112.164	ng	0.00
79) Terphenyl-d14	13.171	244	2551326	135.176	ng	0.00

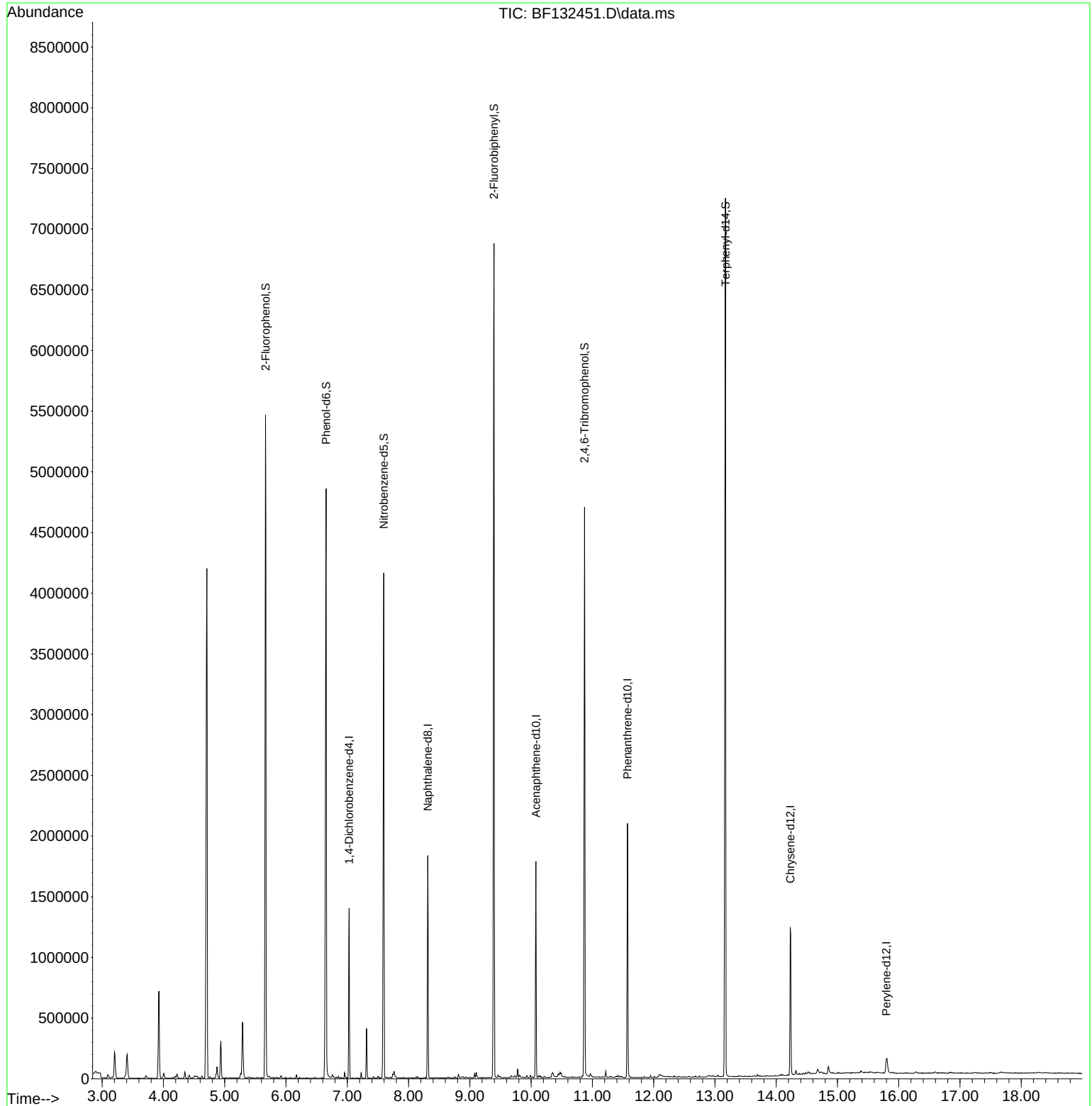
Target Compounds Qvalue

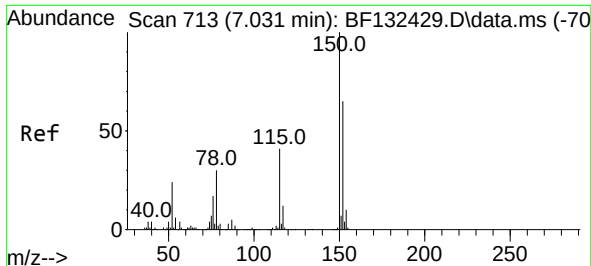
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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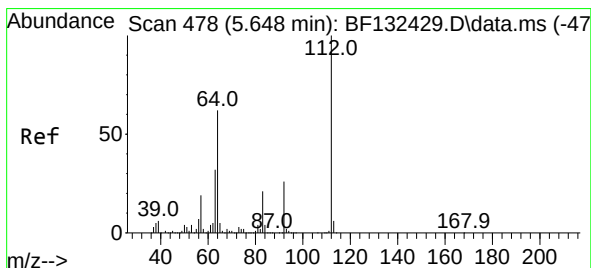
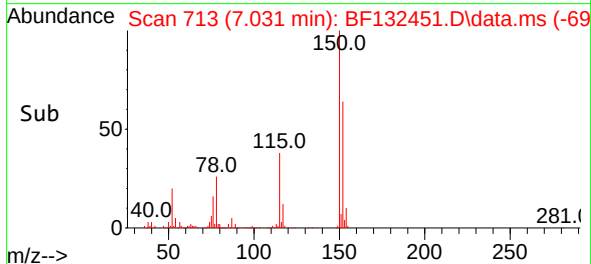
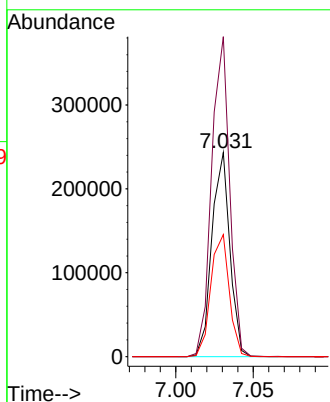
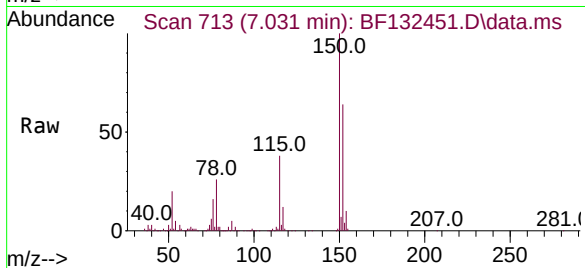




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

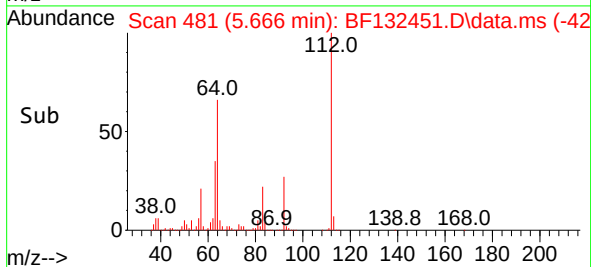
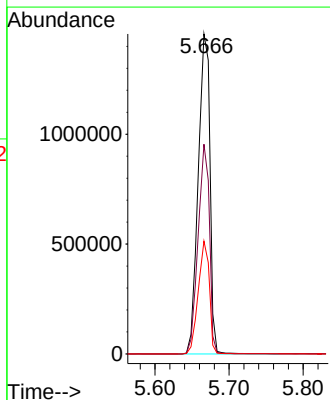
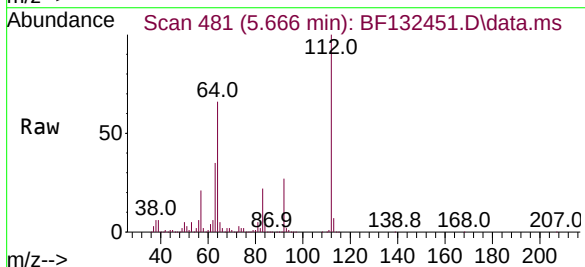
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

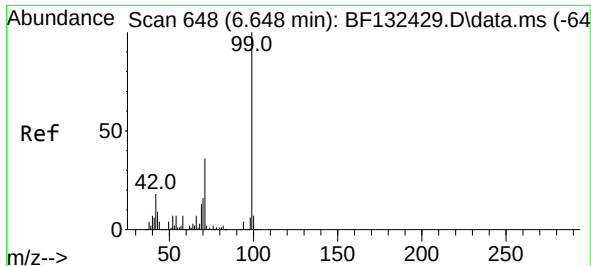
Tgt Ion:152 Resp: 196571
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.8
115 59.8 50.4 75.6



#5
2-Fluorophenol
Concen: 130.922 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.018 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:112 Resp: 1606090
Ion Ratio Lower Upper
112 100
64 65.5 49.7 74.5
63 35.2 25.8 38.8

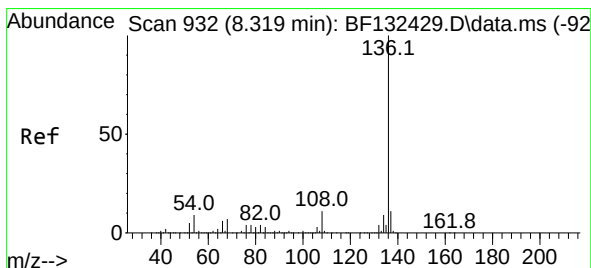
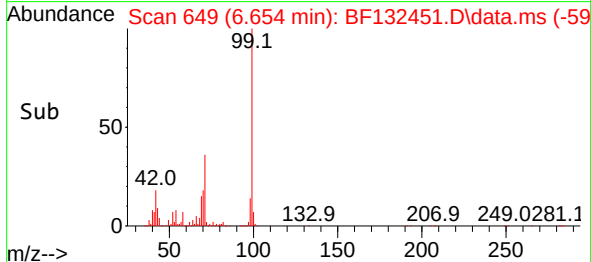
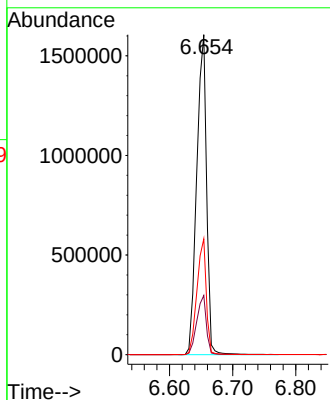
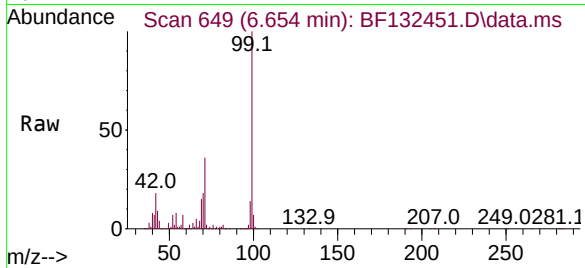




#7
Phenol-d6
Concen: 109.003 ng
RT: 6.654 min Scan# 64
Delta R.T. 0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

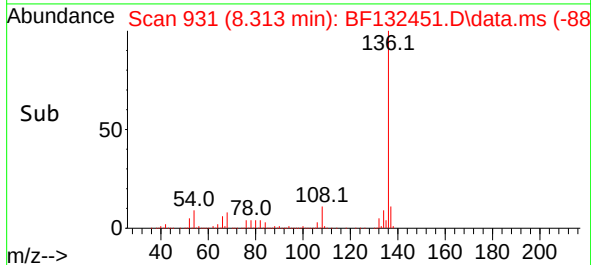
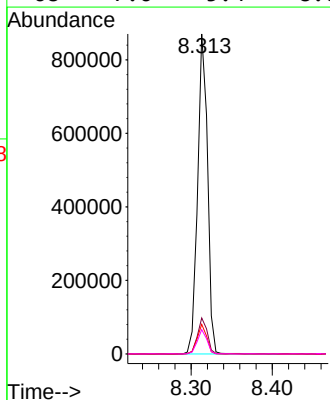
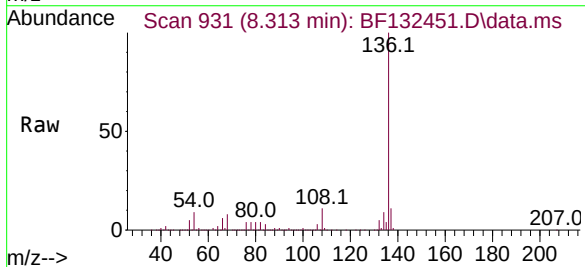
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

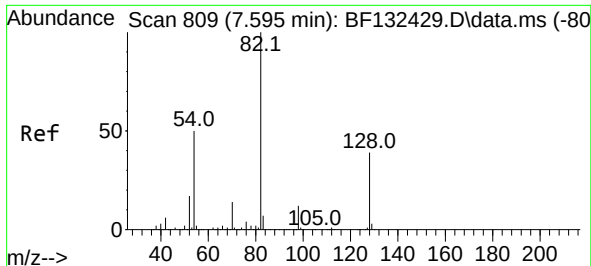
Tgt Ion: 99 Resp: 1746071
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 36.2 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion: 136 Resp: 735757
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 6.9 10.3
68 7.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.264 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Instrument :

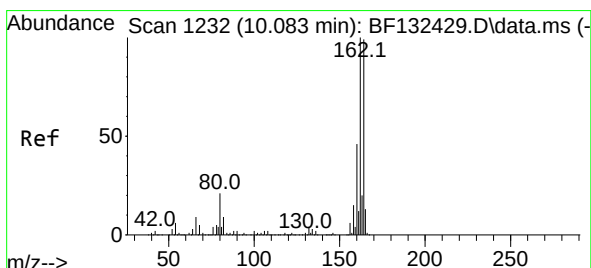
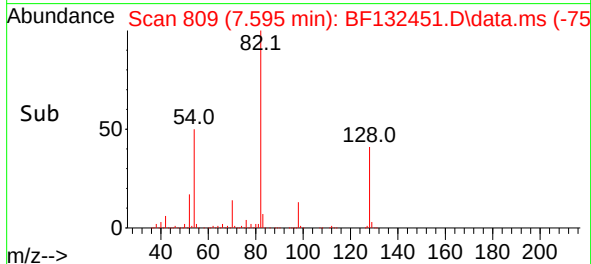
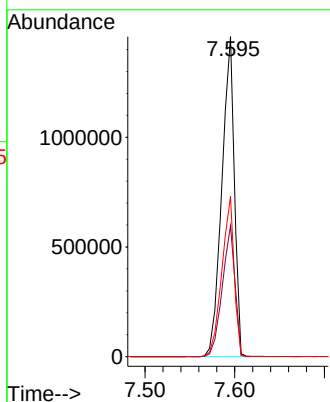
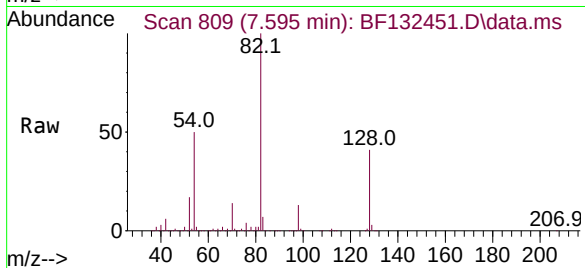
BNA_F

ClientSampleId :

COMP-8RE

Tgt Ion: 82 Resp: 1428104

Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.8	46.2
54	50.0	40.2	60.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1231

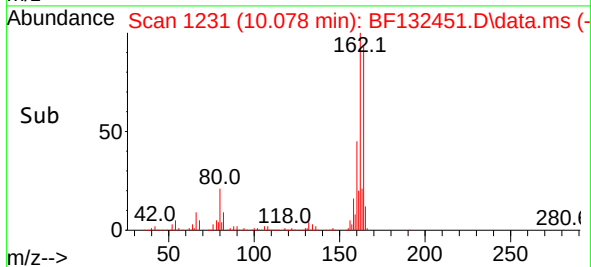
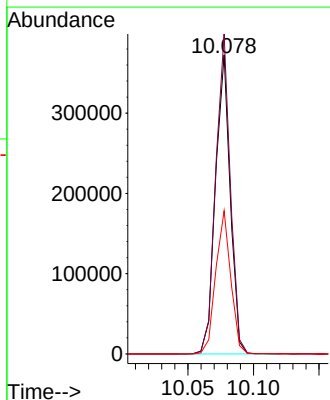
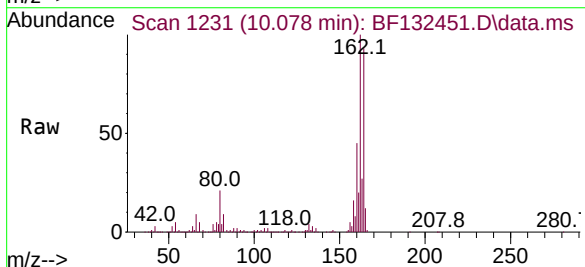
Delta R.T. -0.006 min

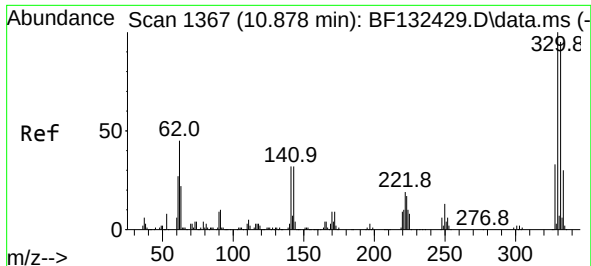
Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Tgt Ion:164 Resp: 292174

Ion	Ratio	Lower	Upper
164	100		
162	107.0	80.8	121.2
160	47.9	37.2	55.8

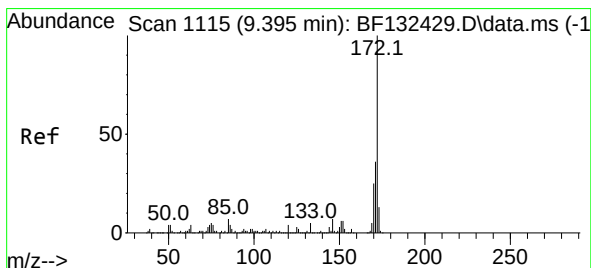
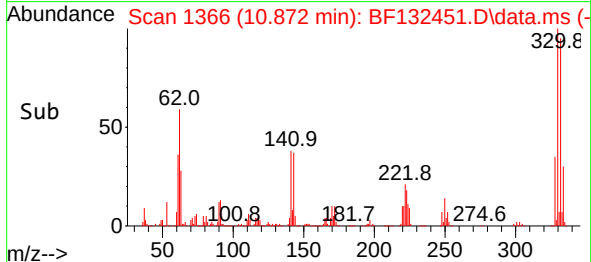
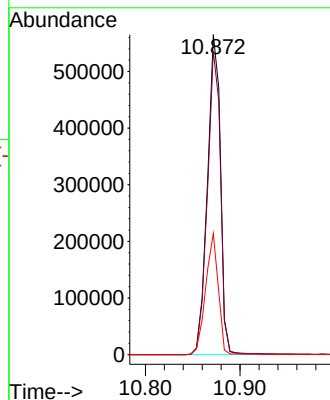
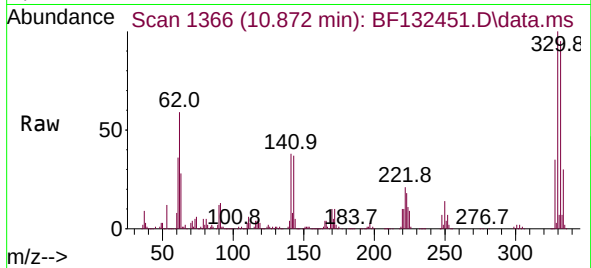




#42
2,4,6-Tribromophenol
Concen: 186.700 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

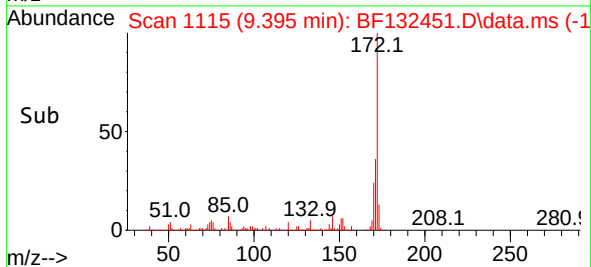
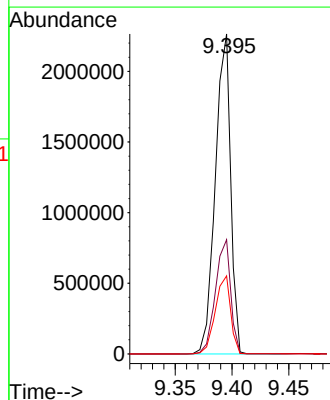
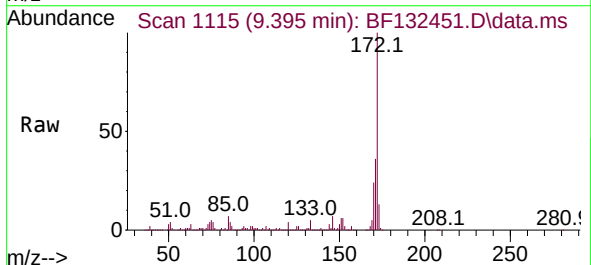
Instrument :
BNA_F
ClientSampleId :
COMP-8RE

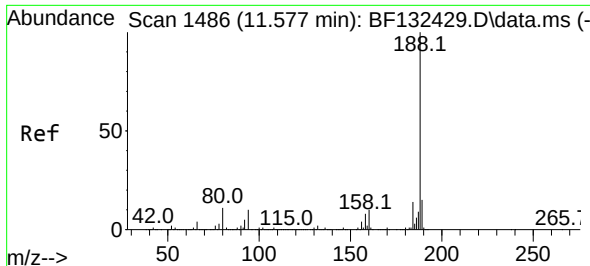
Tgt Ion:330 Resp: 544257
Ion Ratio Lower Upper
330 100
332 95.4 76.3 114.5
141 36.6 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 112.164 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:172 Resp: 2122079
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.4 19.9 29.9

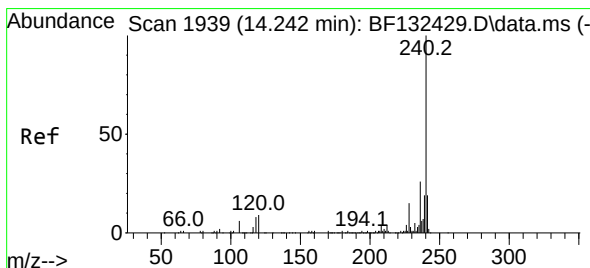
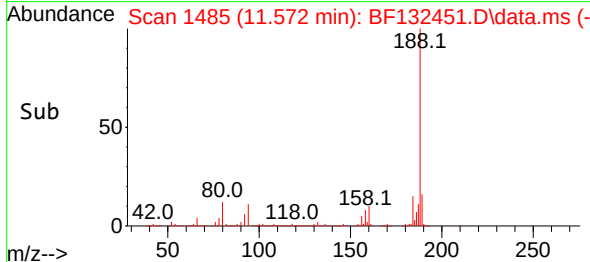
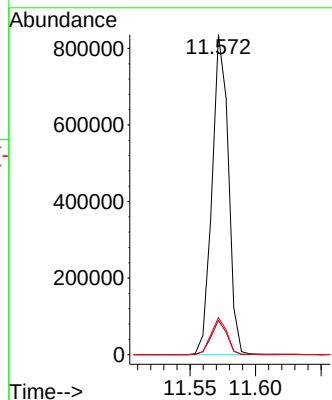
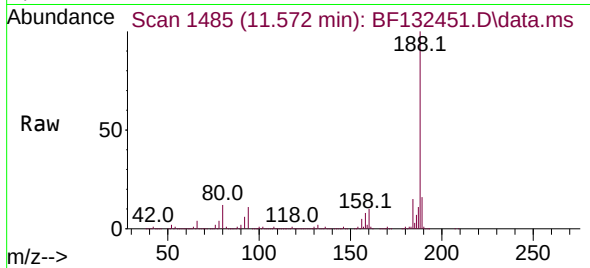




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

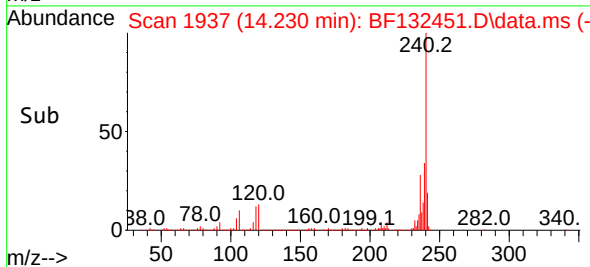
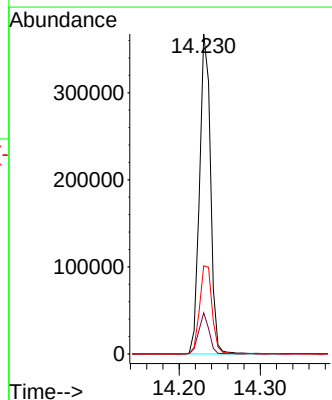
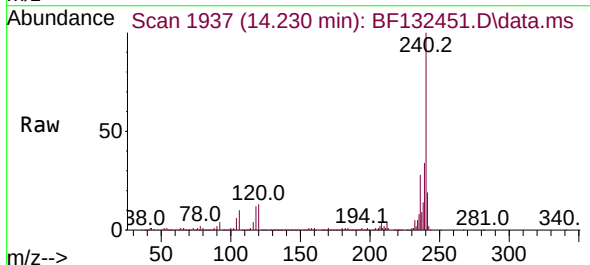
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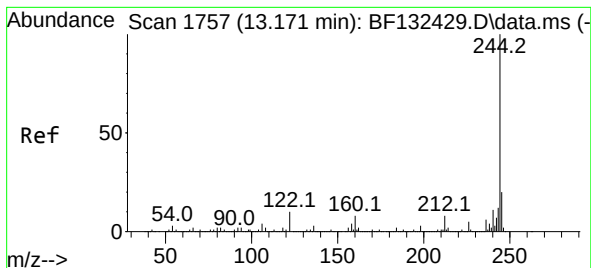
Tgt Ion:188 Resp: 722130
Ion Ratio Lower Upper
188 100
94 10.7 8.0 12.0
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132451.D
Acq: 17 Feb 2023 13:17

Tgt Ion:240 Resp: 343735
Ion Ratio Lower Upper
240 100
120 12.8 7.5 11.3#
236 27.5 21.0 31.6





#79

Terphenyl-d14

Concen: 135.176 ng

RT: 13.171 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Instrument :

BNA_F

ClientSampleId :

COMP-8RE

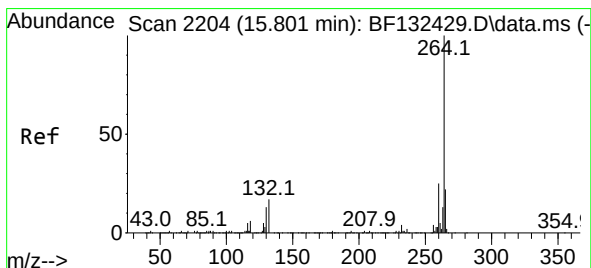
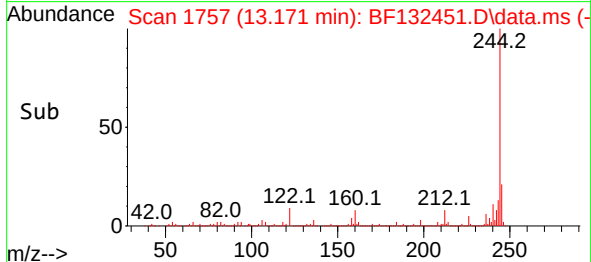
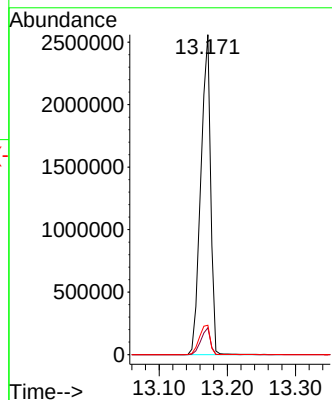
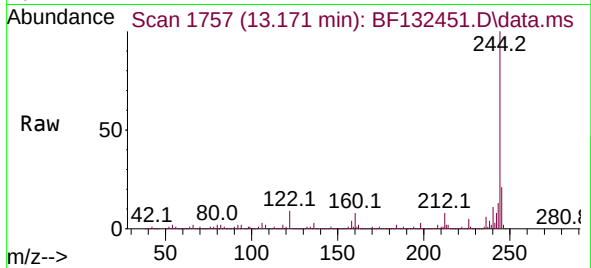
Tgt Ion:244 Resp: 2551326

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.795 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF132451.D

Acq: 17 Feb 2023 13:17

Tgt Ion:264 Resp: 17292

Ion Ratio Lower Upper

264 100

260 53.9 20.0 30.0#

265 20.9 17.2 25.8

