

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131715.D
 Acq On : 20 Dec 2022 16:15
 Operator : CG\JU
 Sample : PB149704TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149704TB

Quant Time: Dec 21 03:46:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88476	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	342761	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220089	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	446239	20.000	ng	0.00
76) Chrysene-d12	14.063	240	362322	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	269811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	830347	158.033	ng	0.02
7) Phenol-d6	6.498	99	1077832	152.406	ng	0.00
23) Nitrobenzene-d5	7.434	82	754402	89.351	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	360110	149.488	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1376930	87.639	ng	0.00
79) Terphenyl-d14	13.010	244	1951772	83.955	ng	0.00

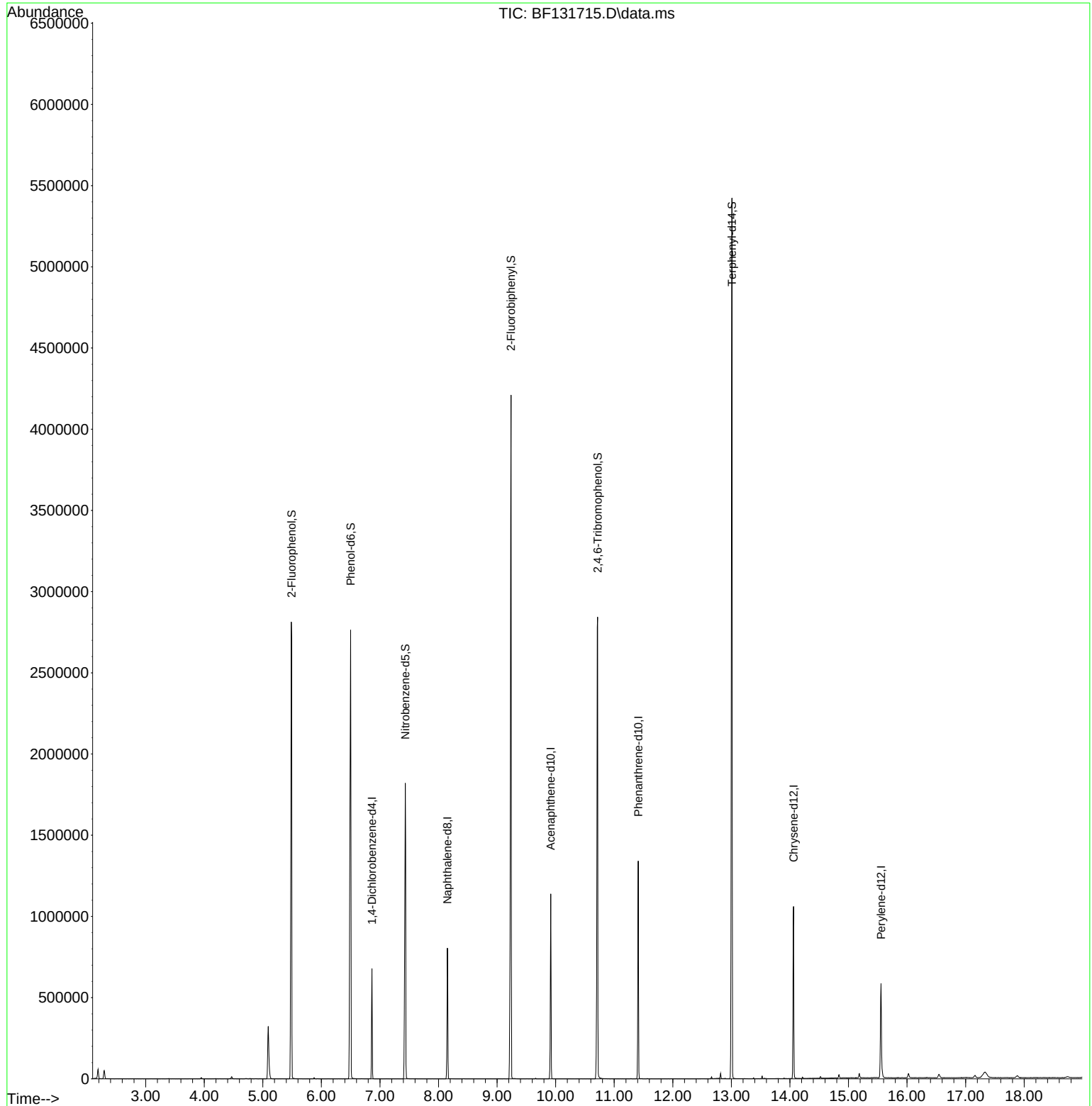
Target Compounds Qvalue

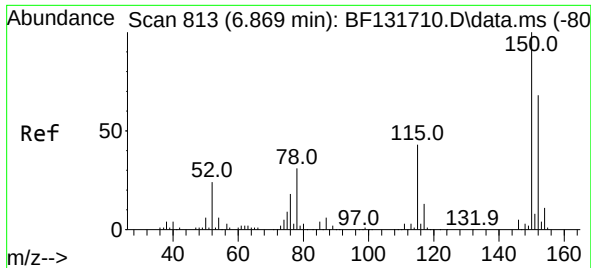
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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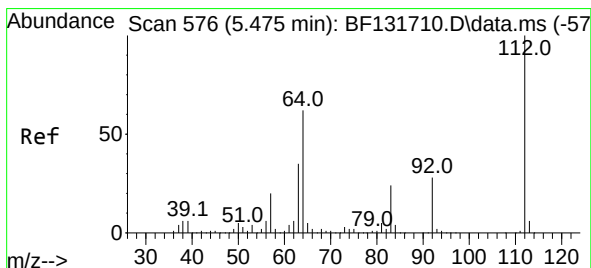
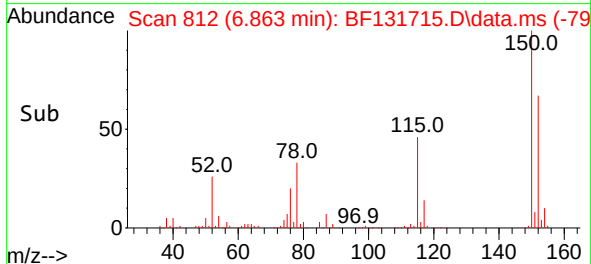
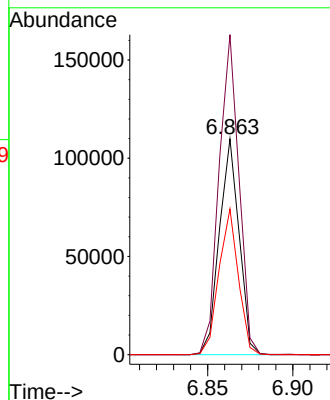
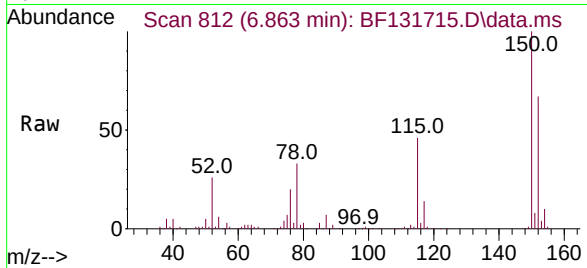




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

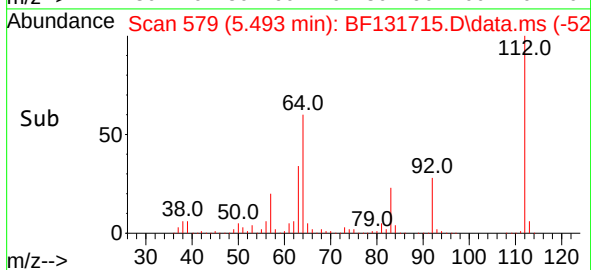
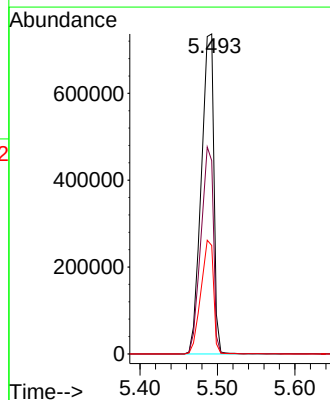
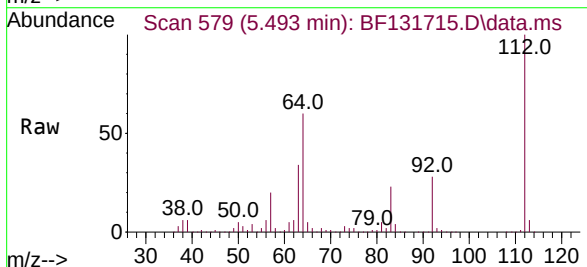
Instrument :
BNA_F
ClientSampleId :
PB149704TB

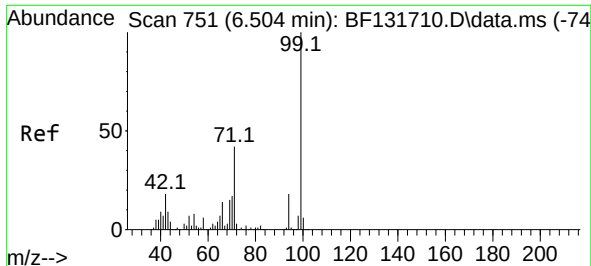
Tgt Ion:152 Resp: 88476
Ion Ratio Lower Upper
152 100
150 148.3 117.4 176.0
115 67.5 50.2 75.4



#5
2-Fluorophenol
Concen: 158.033 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

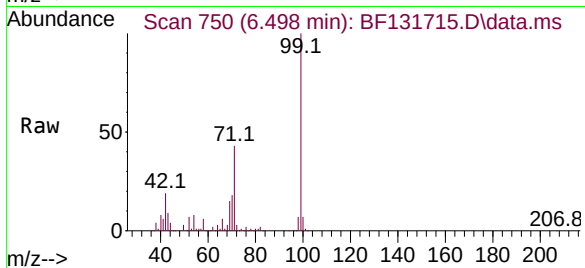
Tgt Ion:112 Resp: 830347
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 33.9 28.2 42.2





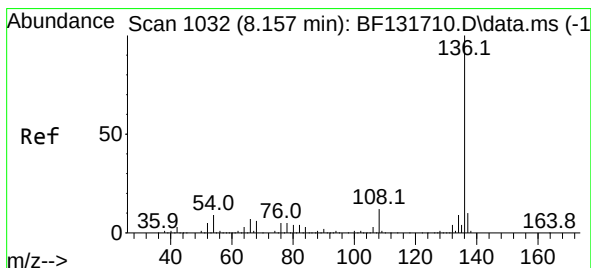
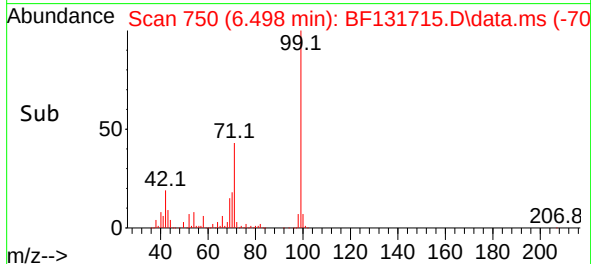
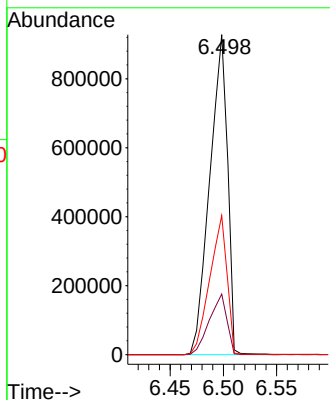
#7
Phenol-d6
Concen: 152.406 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Instrument :
BNA_F
ClientSampleId :
PB149704TB



Tgt Ion: 99 Resp: 1077832

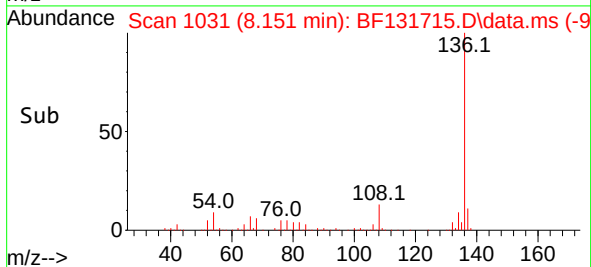
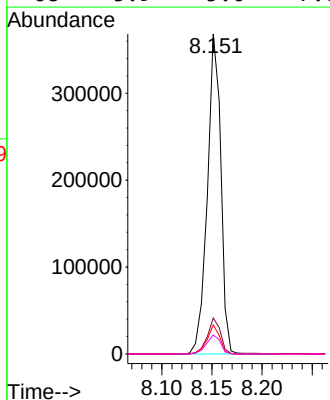
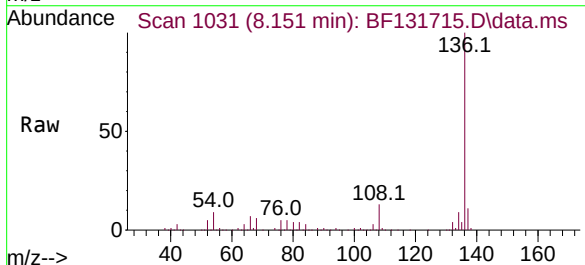
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.8	22.2
71	43.4	33.8	50.6

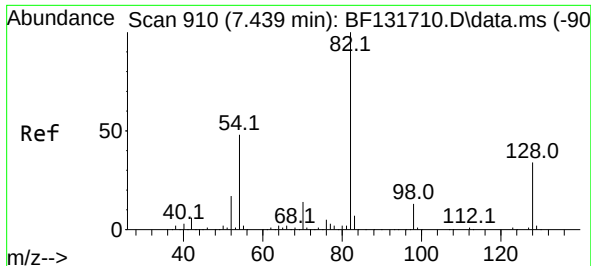


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:136 Resp: 342761

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.1	7.2	10.8
68	5.9	5.0	7.6





#23

Nitrobenzene-d5

Concen: 89.351 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

Instrument :

BNA_F

ClientSampleId :

PB149704TB

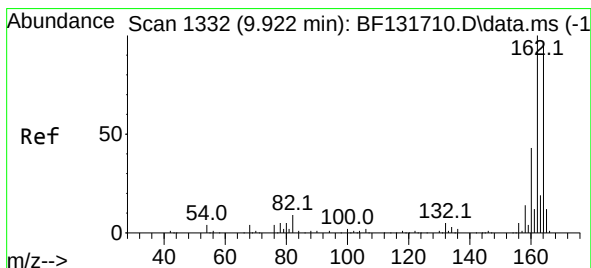
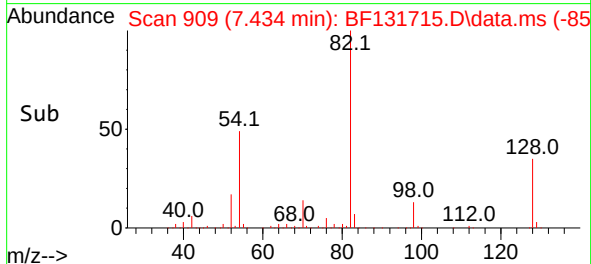
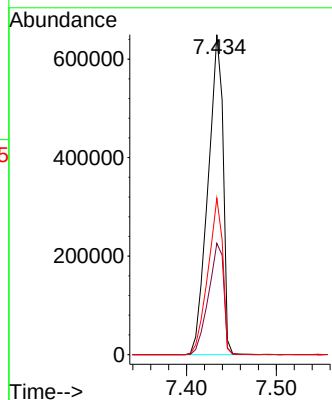
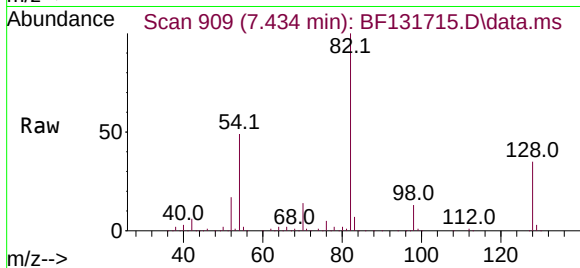
Tgt Ion: 82 Resp: 754402

Ion Ratio Lower Upper

82 100

128 34.8 27.3 40.9

54 48.9 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

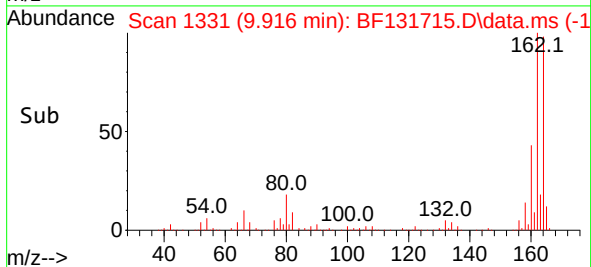
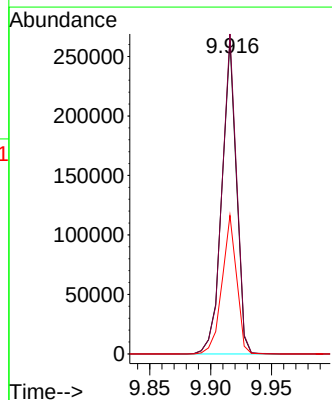
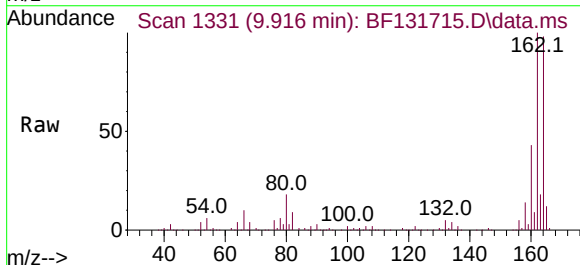
Tgt Ion:164 Resp: 220089

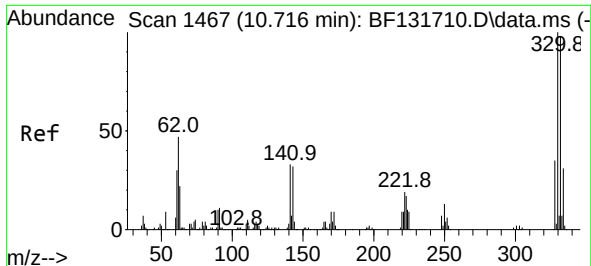
Ion Ratio Lower Upper

164 100

162 102.1 83.7 125.5

160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 149.488 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BF131715.D

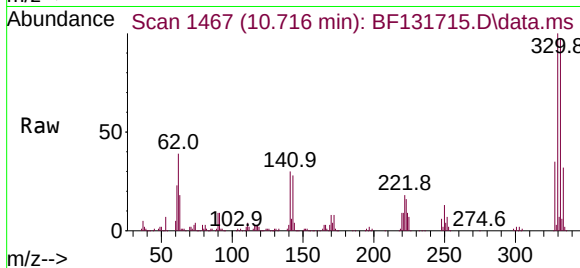
Acq: 20 Dec 2022 16:15

Instrument :

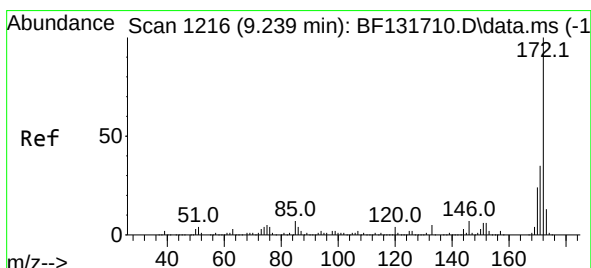
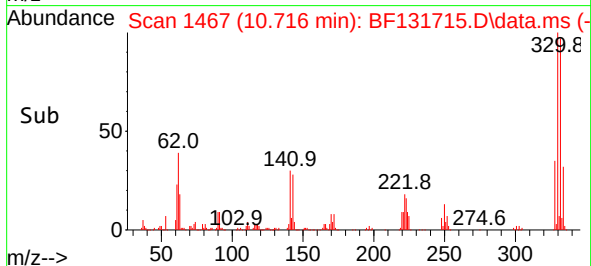
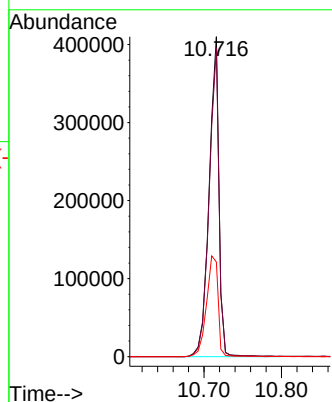
BNA_F

ClientSampleId :

PB149704TB



Tgt Ion:	330	Resp:	360110
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.1	115.7
141	37.1	30.4	45.6



#45

2-Fluorobiphenyl

Concen: 87.639 ng

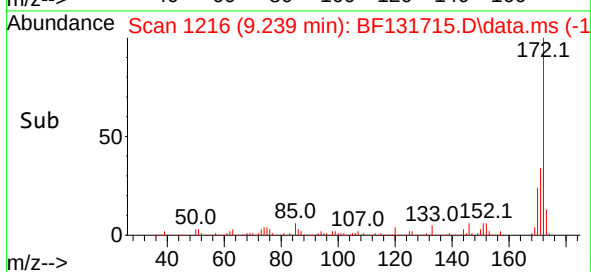
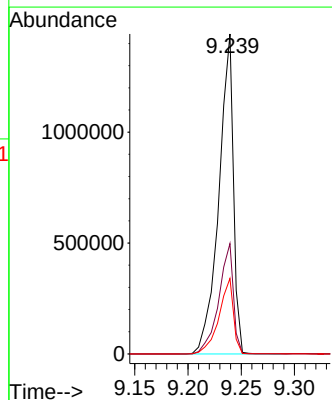
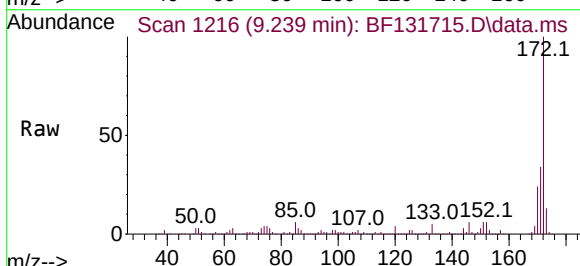
RT: 9.239 min Scan# 1216

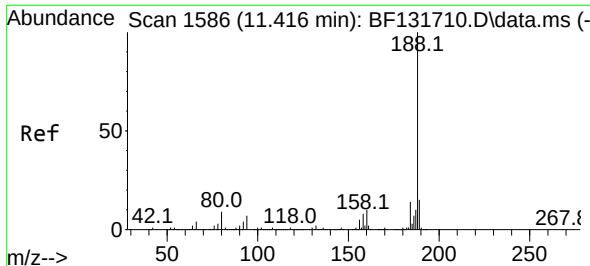
Delta R.T. 0.000 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

Tgt Ion:	172	Resp:	1376930
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.9	41.9
170	23.6	19.0	28.4

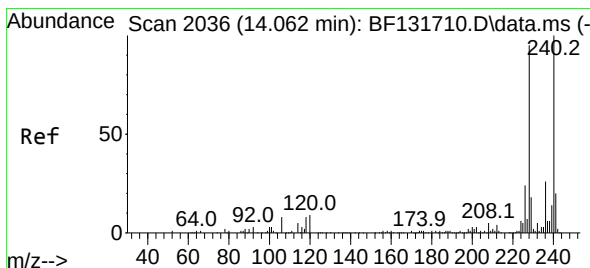
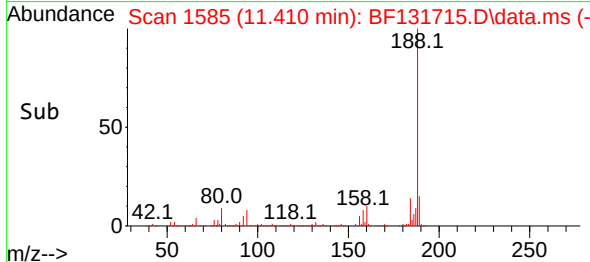
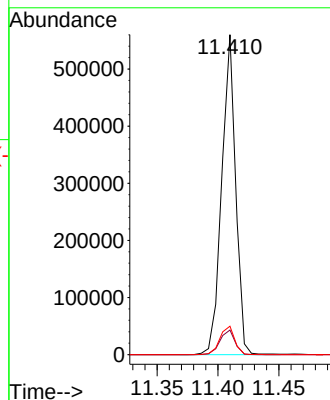
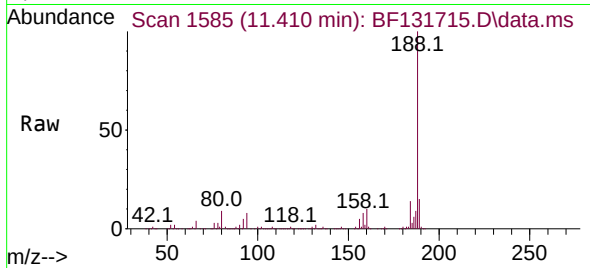




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

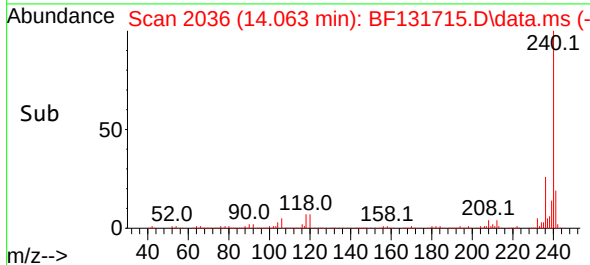
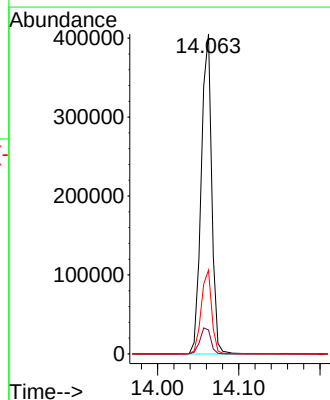
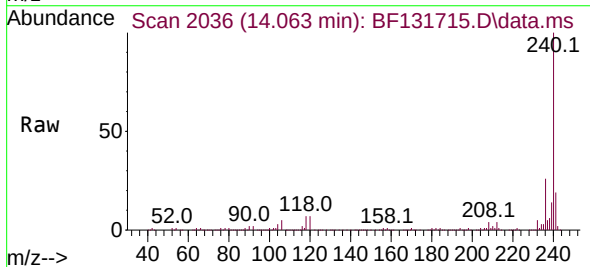
Instrument :
BNA_F
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PB149704TB

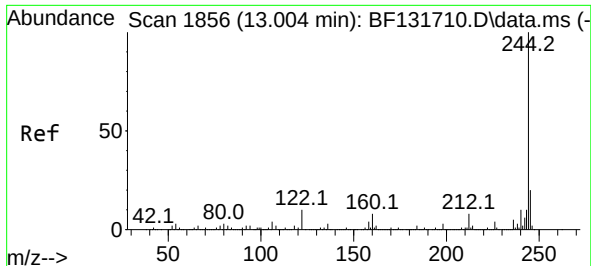
Tgt Ion:188 Resp: 446239
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.9 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:240 Resp: 362322
Ion Ratio Lower Upper
240 100
120 7.5 7.6 11.4#
236 26.2 21.2 31.8

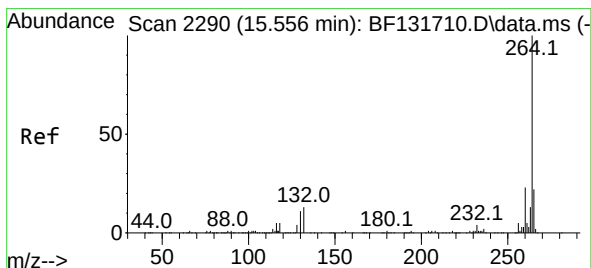
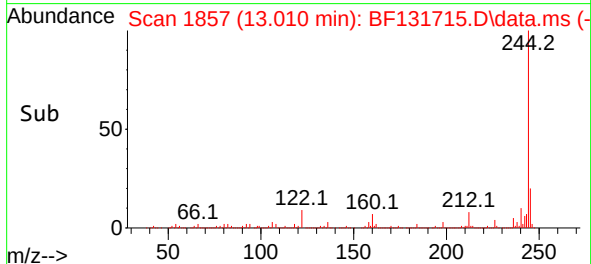
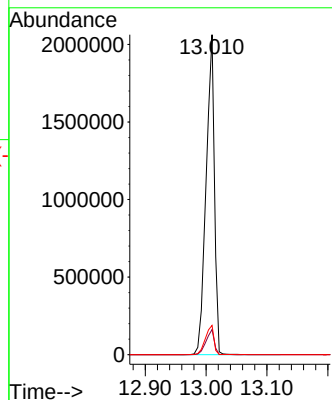
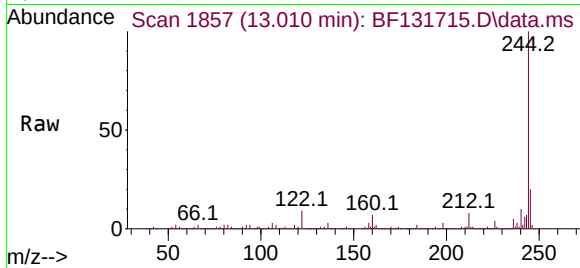




#79
 Terphenyl-d14
 Concen: 83.955 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131715.D
 Acq: 20 Dec 2022 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB149704TB

Tgt Ion:244 Resp: 1951772
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131715.D
 Acq: 20 Dec 2022 16:15

Tgt Ion:264 Resp: 269811
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.4 17.4 26.2

