

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131787.D
 Acq On : 22 Dec 2022 20:45
 Operator : CG\JU
 Sample : N6183-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Quant Time: Dec 23 03:35:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	73049	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	264033	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	154474	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	296827	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160558	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	150305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	523912	120.769	ng	0.01
7) Phenol-d6	6.487	99	679332	116.344	ng	0.00
23) Nitrobenzene-d5	7.422	82	485063	74.581	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	200600	118.644	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	831789	75.430	ng	0.00
79) Terphenyl-d14	12.992	244	915038	88.822	ng	0.00

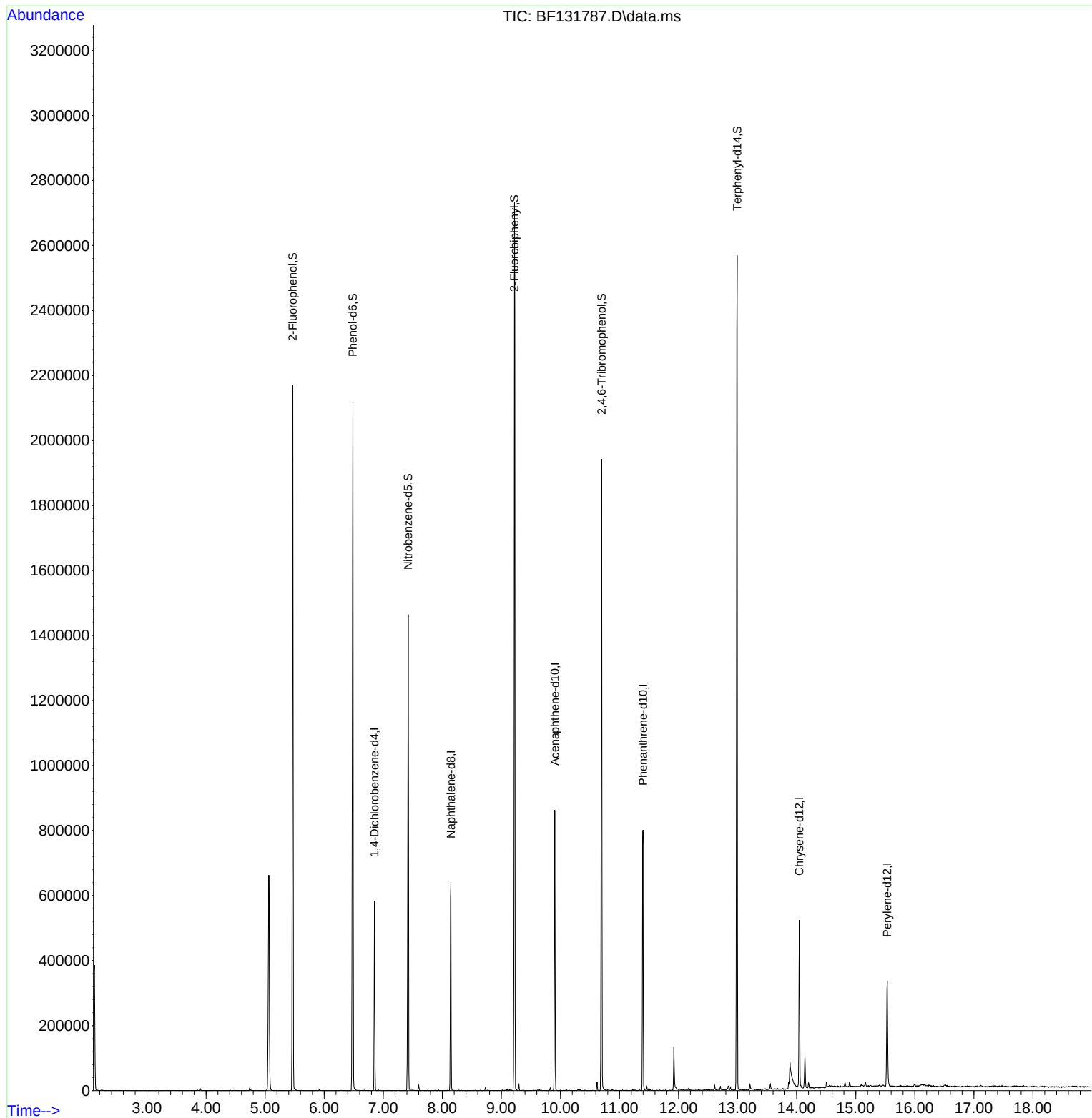
Target Compounds	Qvalue

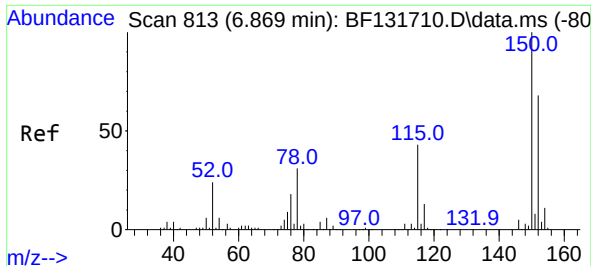
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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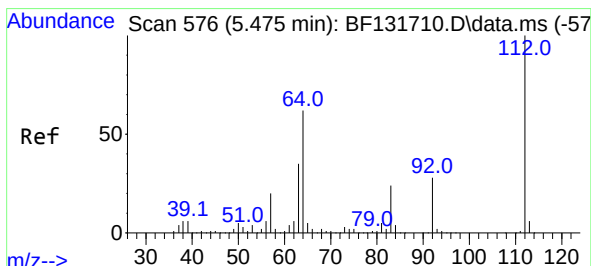
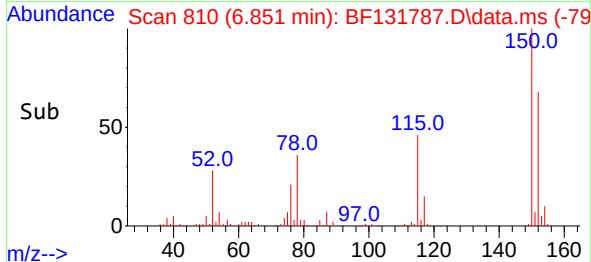
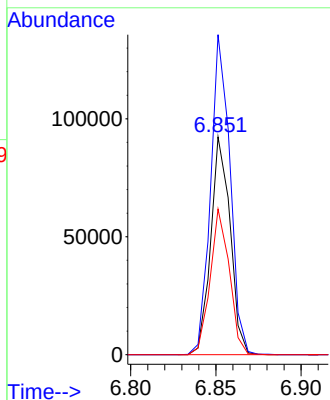
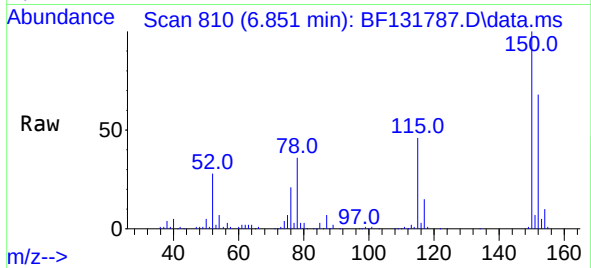




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

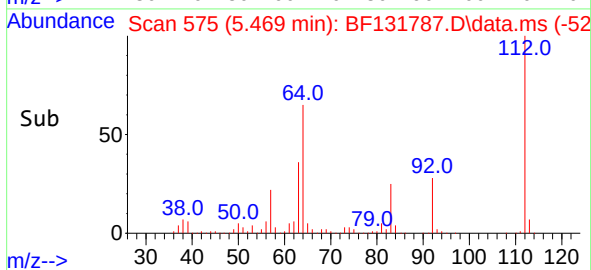
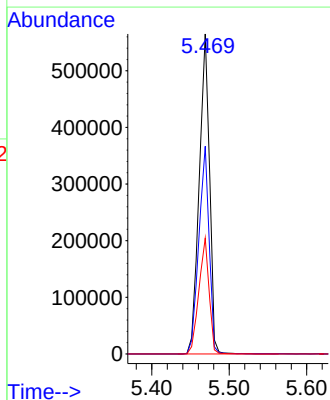
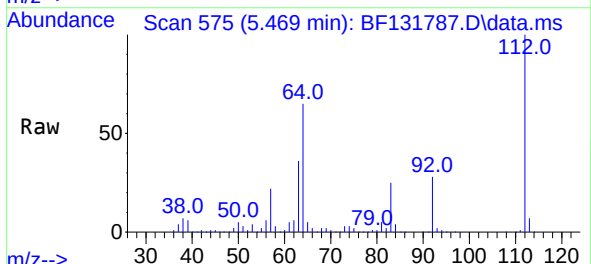
Instrument :
BNA_F
ClientSampleId :
R-1

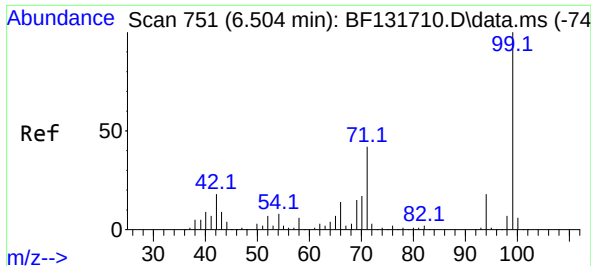
Tgt Ion:152 Resp: 73049
Ion Ratio Lower Upper
152 100
150 146.9 117.4 176.0
115 66.9 50.2 75.4



#5
2-Fluorophenol
Concen: 120.769 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

Tgt Ion:112 Resp: 523912
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 36.2 28.2 42.2

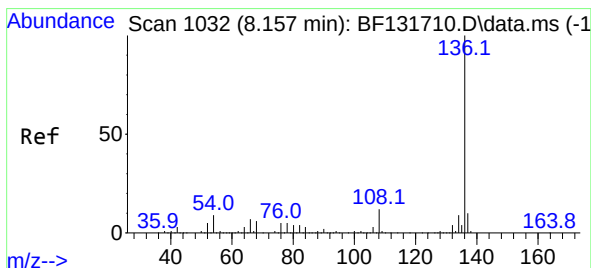
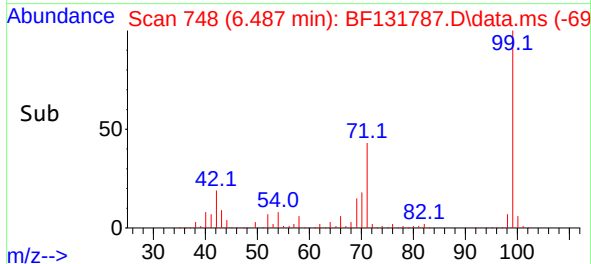
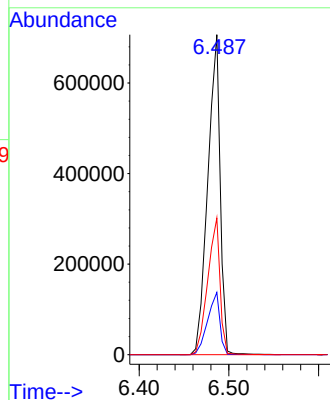
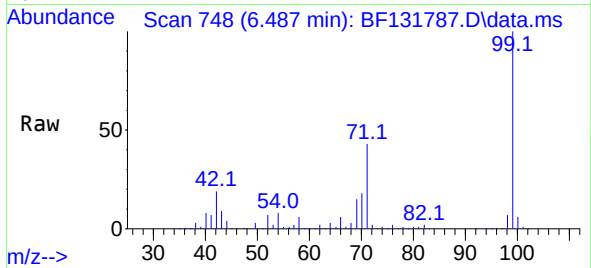




#7
Phenol-d6
Concen: 116.344 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

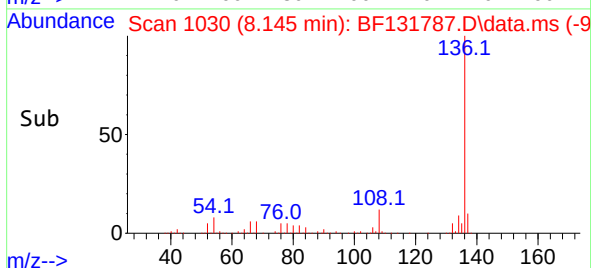
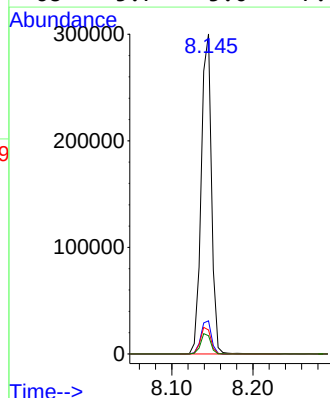
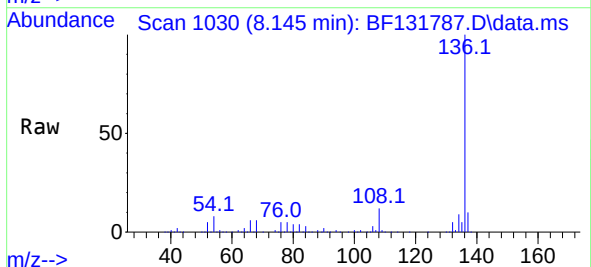
Instrument :
BNA_F
ClientSampleId :
R-1

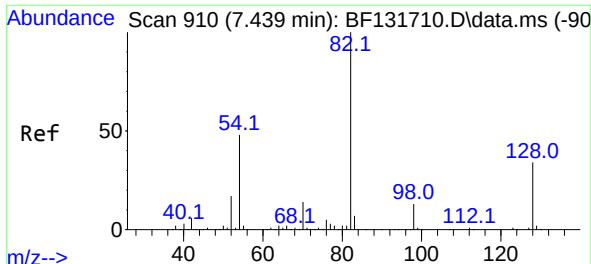
Tgt Ion: 99 Resp: 679332
Ion Ratio Lower Upper
99 100
42 19.4 14.8 22.2
71 42.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

Tgt Ion: 136 Resp: 264033
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.5 7.2 10.8
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 74.581 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131787.D

Acq: 22 Dec 2022 20:45

Instrument :

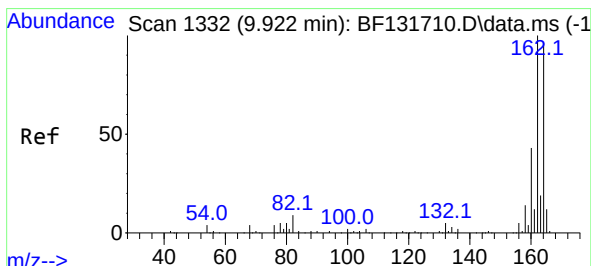
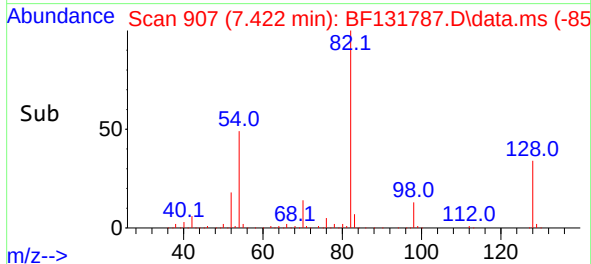
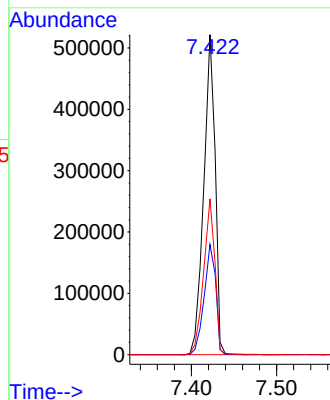
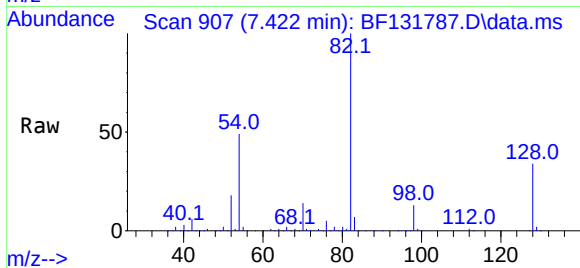
BNA_F

ClientSampleId :

R-1

Tgt Ion: 82 Resp: 485063

Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.3	40.9
54	48.7	38.2	57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

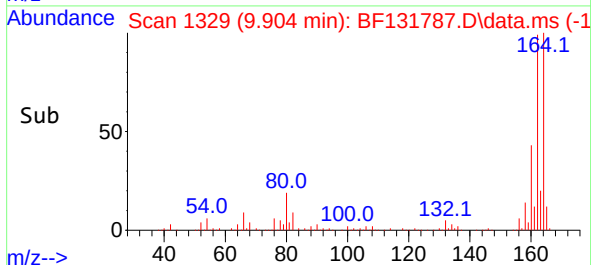
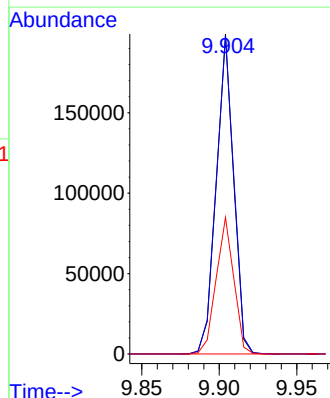
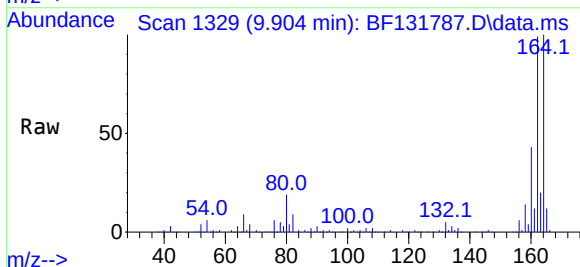
Delta R.T. -0.006 min

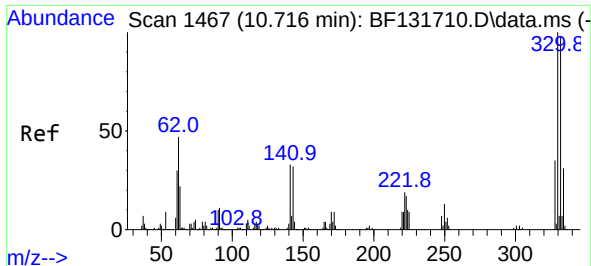
Lab File: BF131787.D

Acq: 22 Dec 2022 20:45

Tgt Ion:164 Resp: 154474

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.7	125.5
160	42.7	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 118.644 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131787.D

Acq: 22 Dec 2022 20:45

Instrument :

BNA_F

ClientSampleId :

R-1

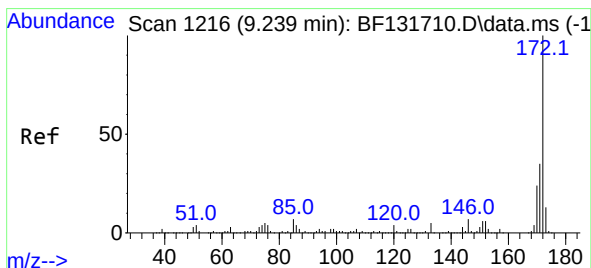
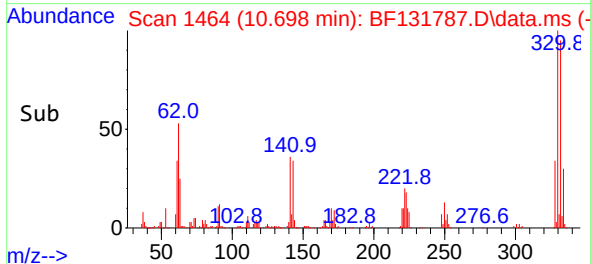
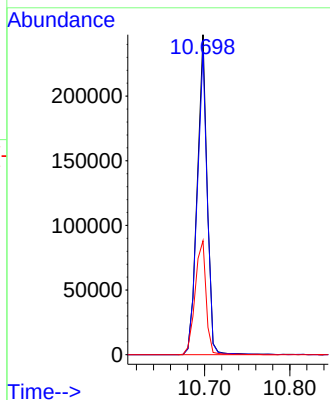
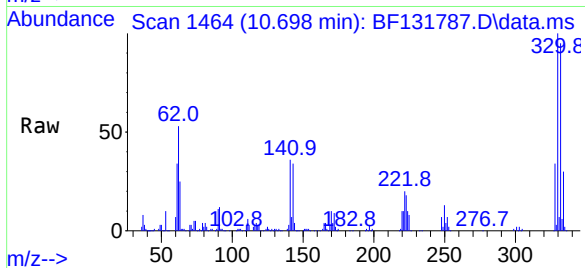
Tgt Ion:330 Resp: 200600

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 39.4 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 75.430 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF131787.D

Acq: 22 Dec 2022 20:45

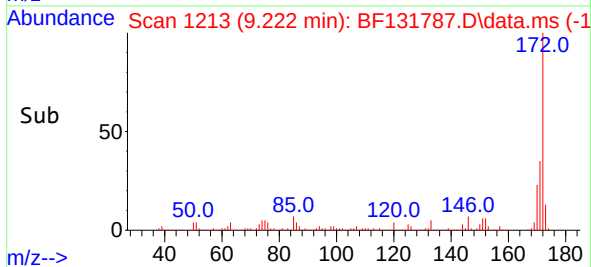
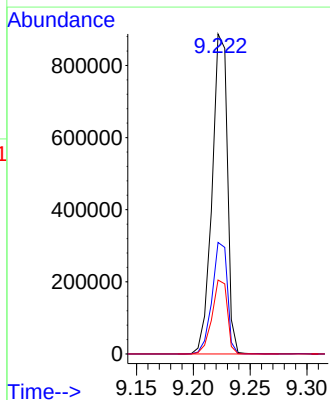
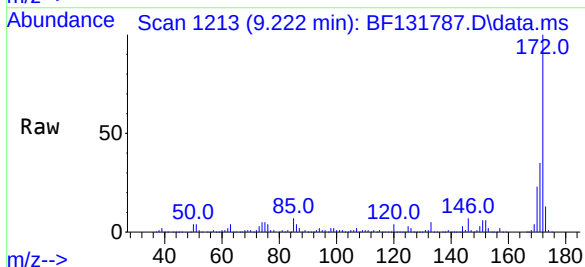
Tgt Ion:172 Resp: 831789

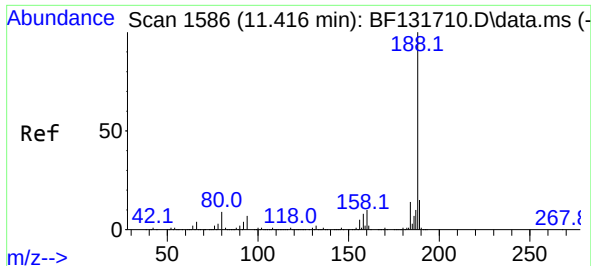
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.1 19.0 28.4

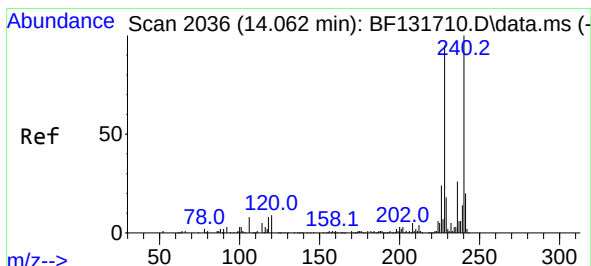
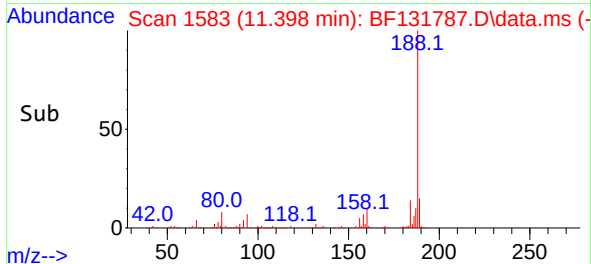
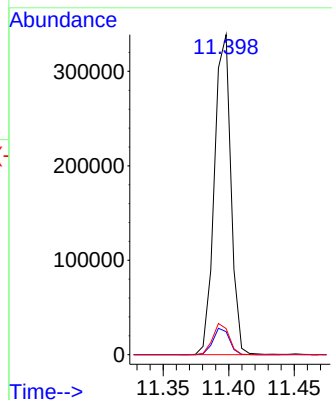
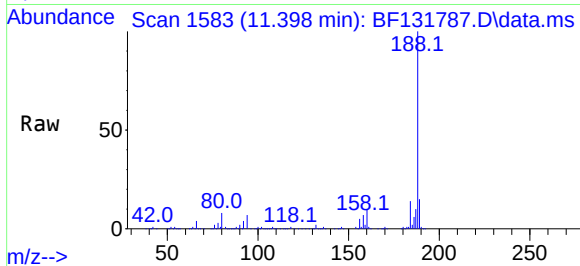




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

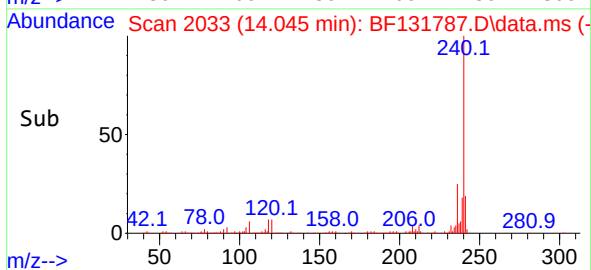
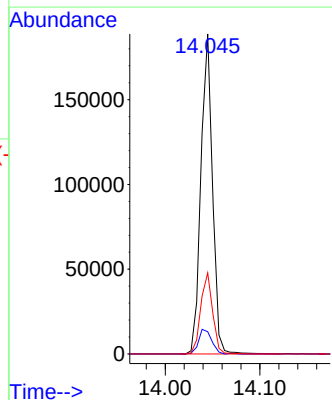
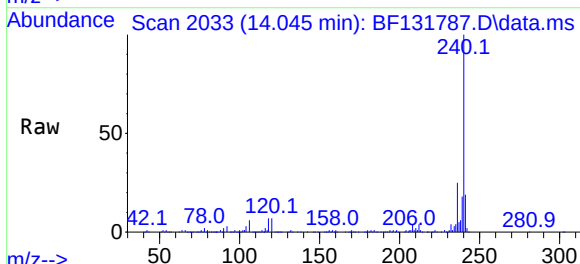
Instrument :
BNA_F
ClientSampleId :
R-1

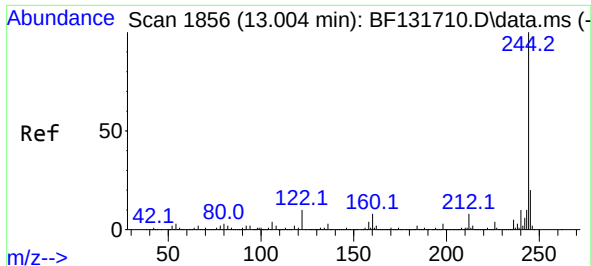
Tgt Ion:188 Resp: 296827
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131787.D
Acq: 22 Dec 2022 20:45

Tgt Ion:240 Resp: 160558
Ion Ratio Lower Upper
240 100
120 7.0 7.6 11.4#
236 25.3 21.2 31.8

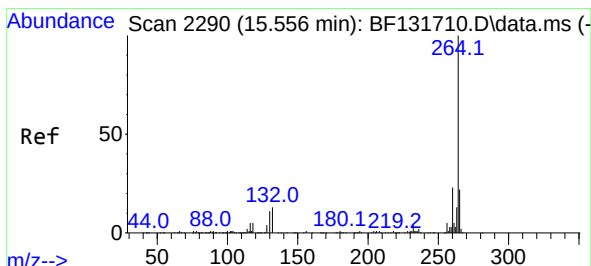
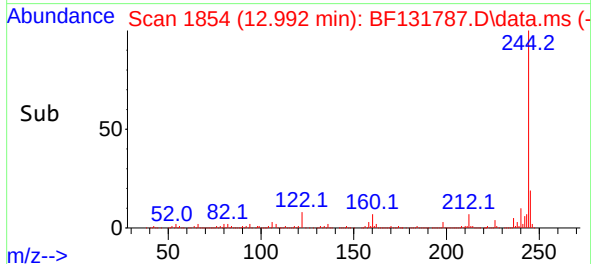
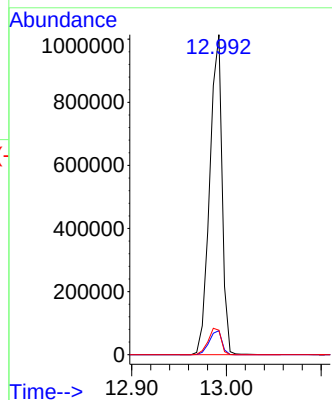
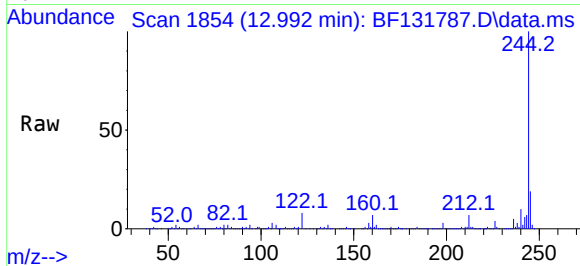




#79
 Terphenyl-d14
 Concen: 88.822 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131787.D
 Acq: 22 Dec 2022 20:45

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tgt Ion:244 Resp: 915038
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.6 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF131787.D
 Acq: 22 Dec 2022 20:45

Tgt Ion:264 Resp: 150305
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 20.7 17.4 26.2

