

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131060.D
 Acq On : 08 Nov 2022 11:30
 Operator : CG\JU
 Sample : N5415-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-29

Quant Time: Nov 08 12:36:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	51317	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	333786	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	110170	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	207789	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	146003	20.000	ng	0.00
86) Perylene-d12	15.586	264	116701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	573229	180.122	ng	0.01
7) Phenol-d6	6.528	99	546035	140.572	ng	0.00
23) Nitrobenzene-d5	7.463	82	391852	54.416	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	173033	142.656	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	730579	90.374	ng	0.00
79) Terphenyl-d14	13.033	244	785528	86.259	ng	0.00

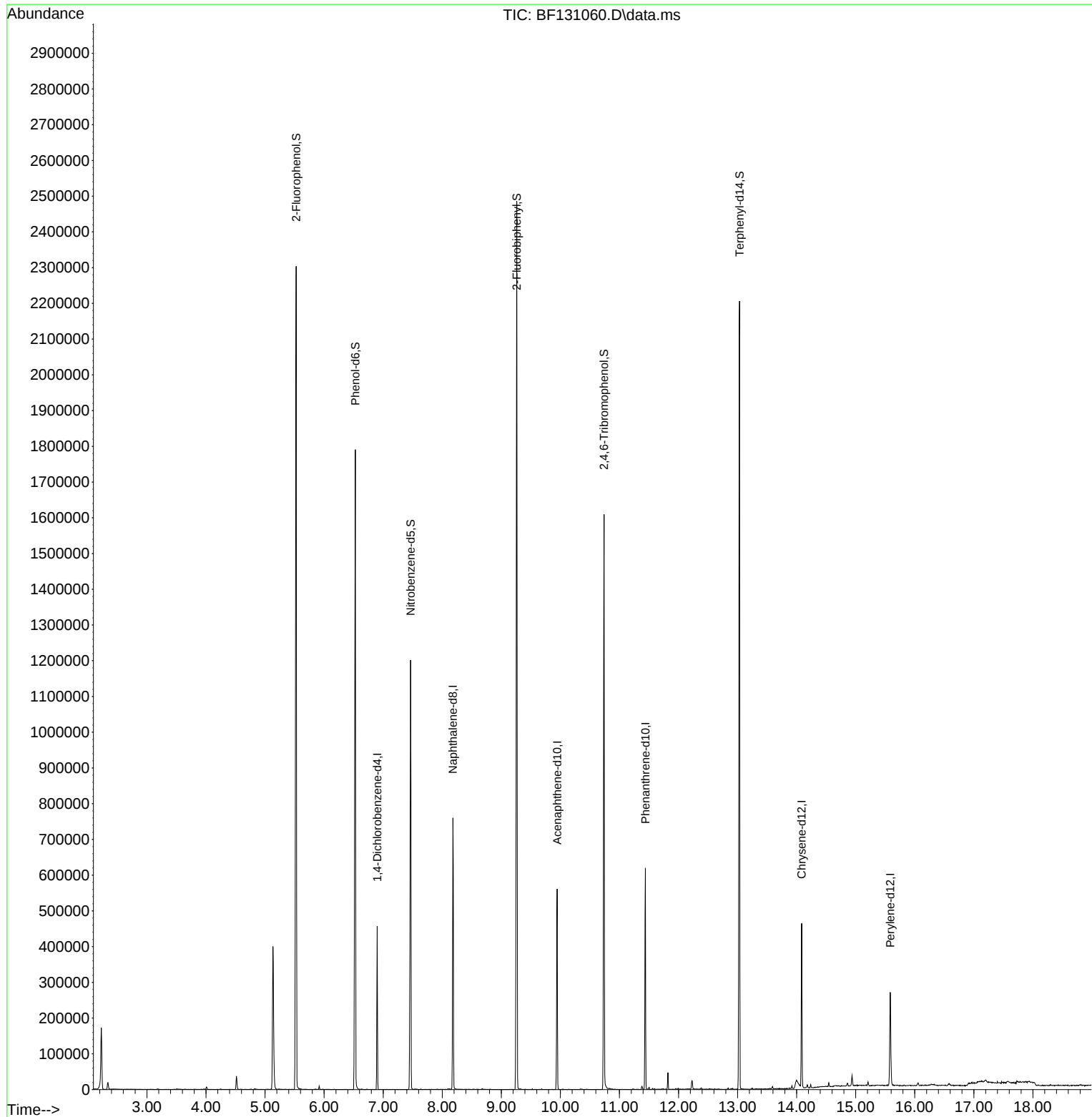
Target Compounds Qvalue

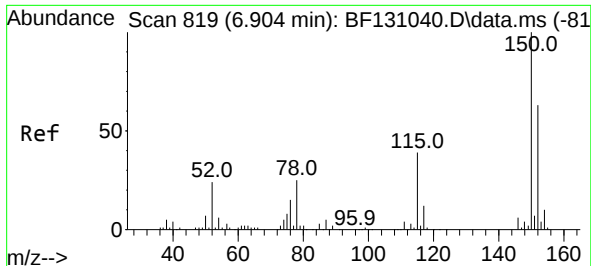
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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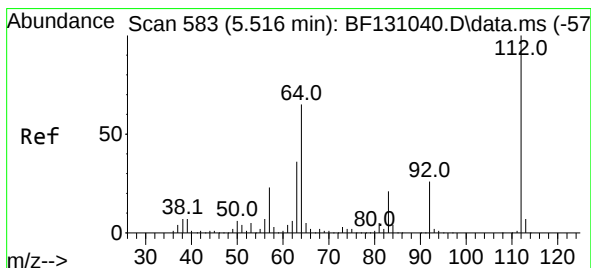
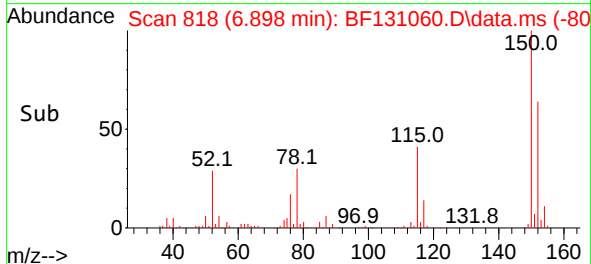
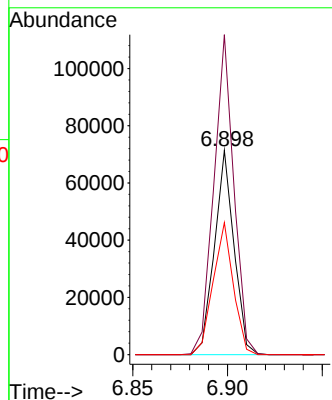
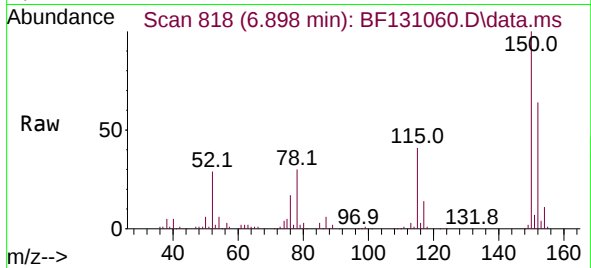




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

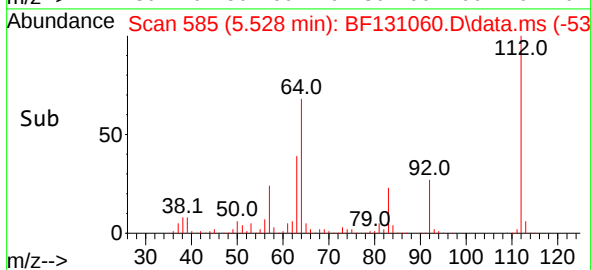
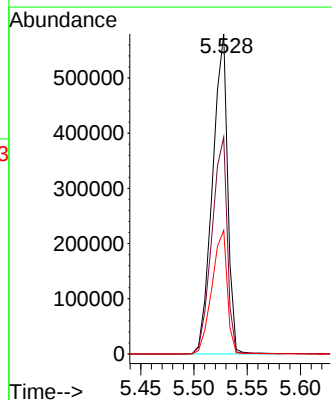
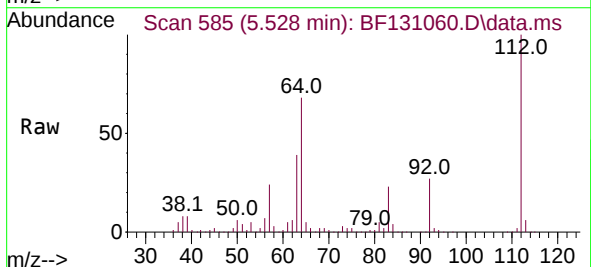
Instrument :
BNA_F
ClientSampleId :
R-29

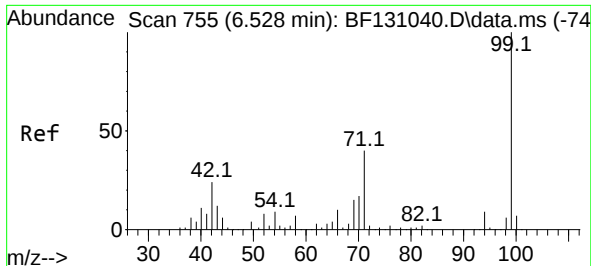
Tgt Ion:152 Resp: 51317
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 64.6 49.1 73.7



#5
2-Fluorophenol
Concen: 180.122 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:112 Resp: 573229
Ion Ratio Lower Upper
112 100
64 67.7 52.2 78.4
63 38.6 29.0 43.4

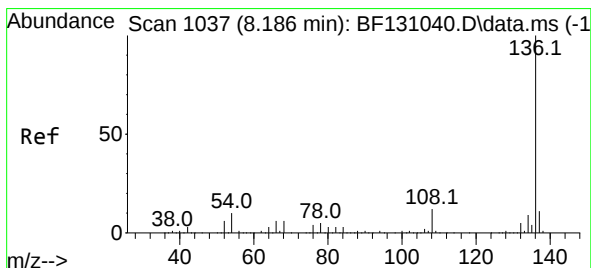
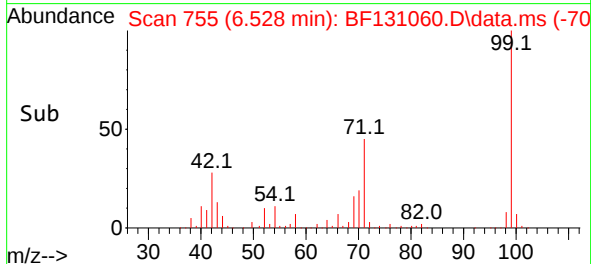
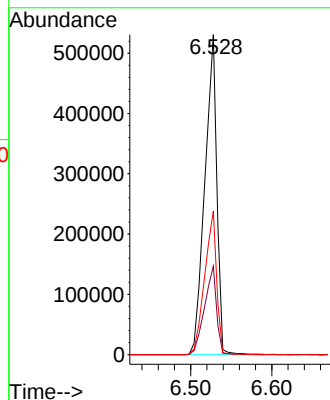
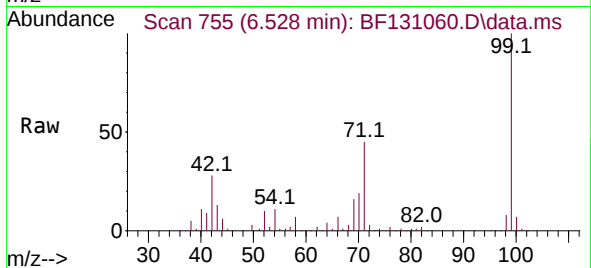




#7
Phenol-d6
Concen: 140.572 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

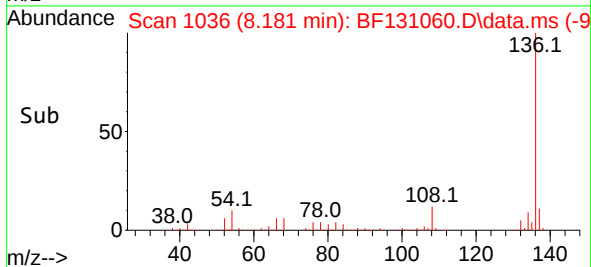
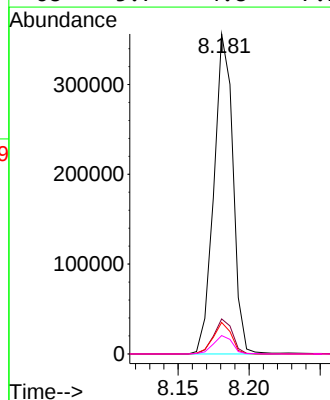
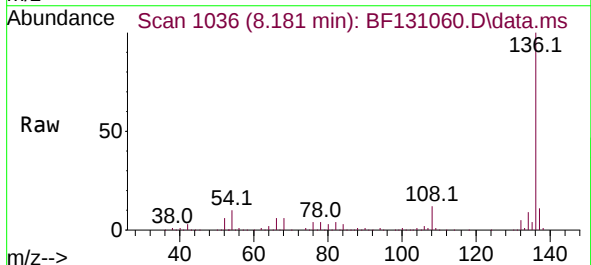
Instrument :
BNA_F
ClientSampleId :
R-29

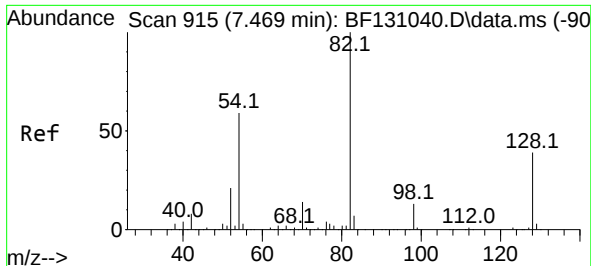
Tgt Ion: 99 Resp: 546035
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.0
71 44.9 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:136 Resp: 333786
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 8.2 12.2
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 54.416 ng

RT: 7.463 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

Instrument :

BNA_F

ClientSampleId :

R-29

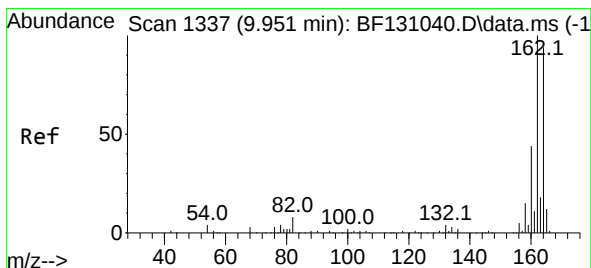
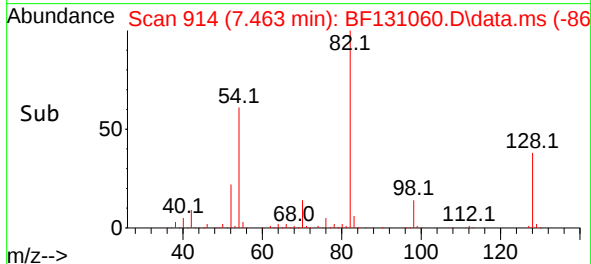
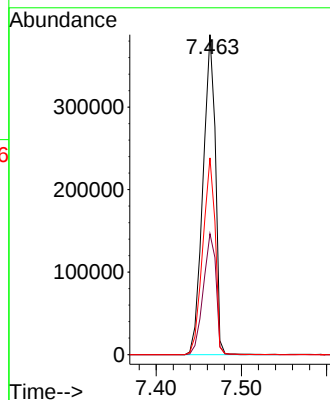
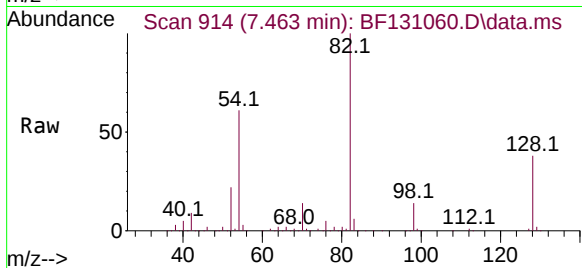
Tgt Ion: 82 Resp: 391852

Ion Ratio Lower Upper

82 100

128 37.8 31.3 46.9

54 61.5 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

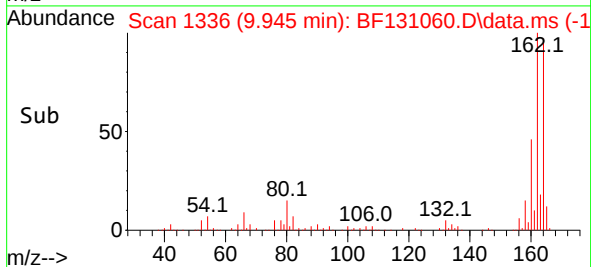
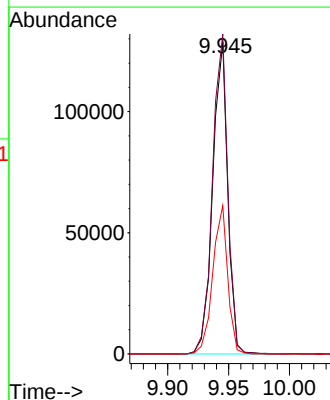
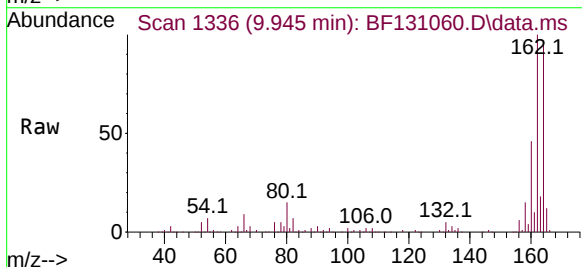
Tgt Ion:164 Resp: 110170

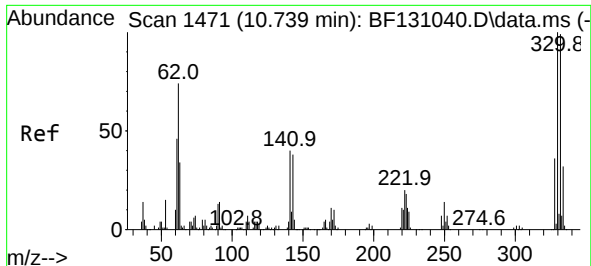
Ion Ratio Lower Upper

164 100

162 102.7 85.0 127.6

160 47.6 37.0 55.6

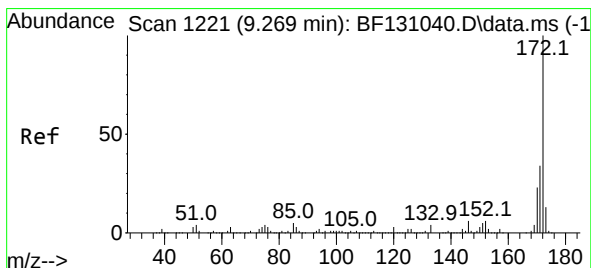
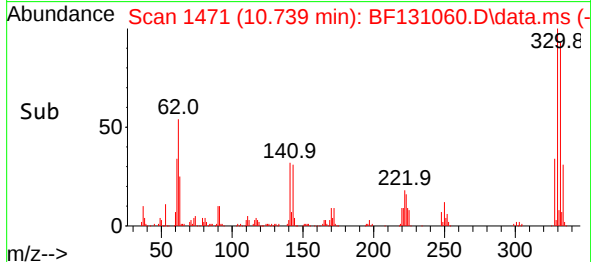
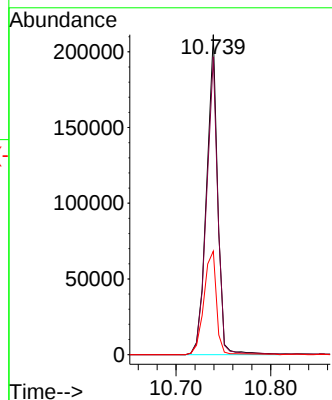
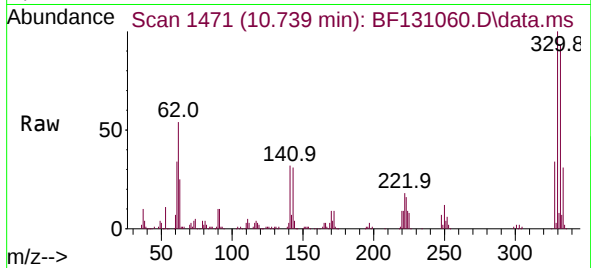




#42
 2,4,6-Tribromophenol
 Concen: 142.656 ng
 RT: 10.739 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

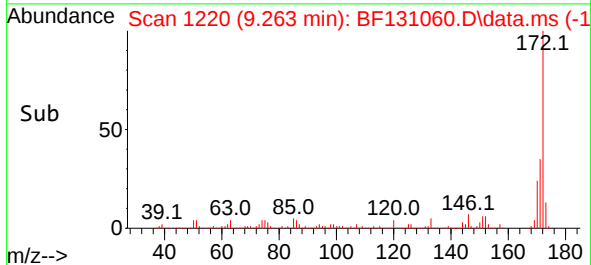
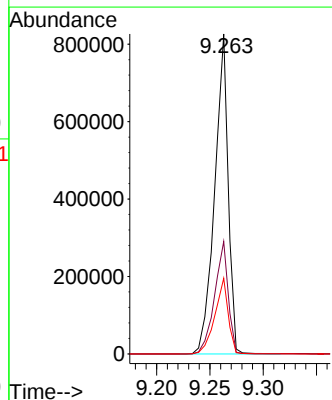
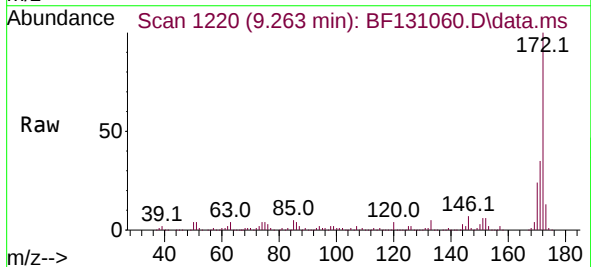
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 R-29

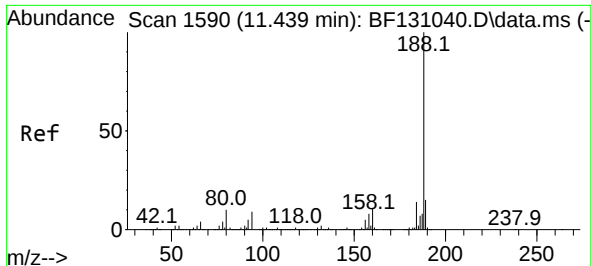
Tgt Ion:	330	Resp:	173033
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.4
141	36.6	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 90.374 ng
 RT: 9.263 min Scan# 1220
 Delta R.T. -0.006 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

Tgt Ion:	172	Resp:	730579
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.6	18.4	27.6

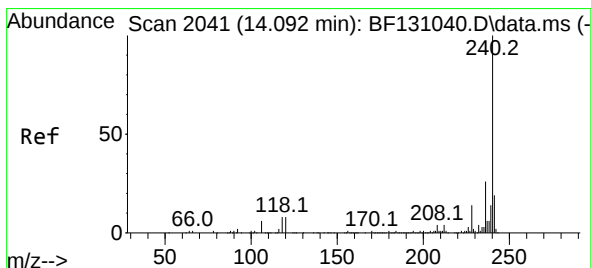
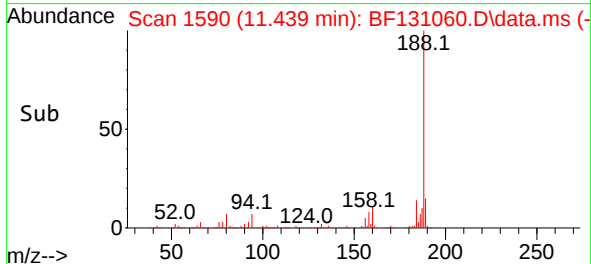
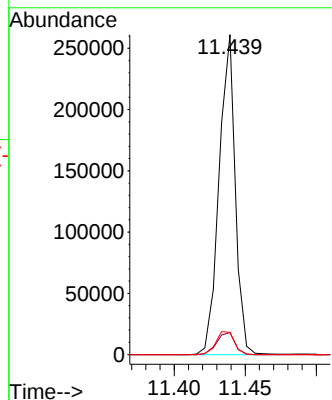
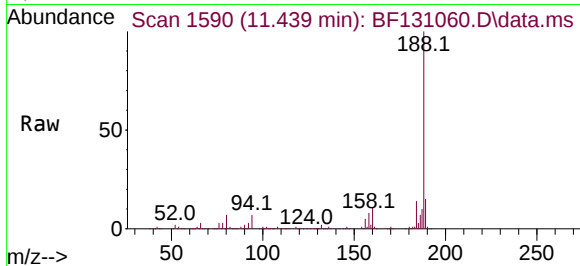




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

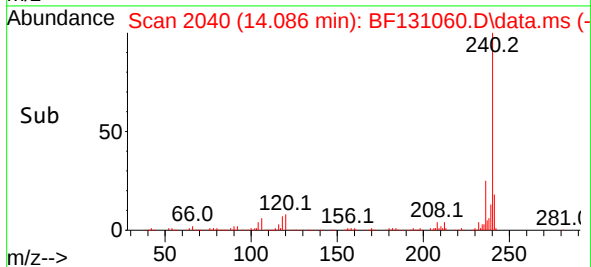
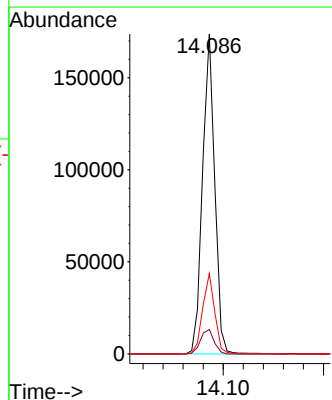
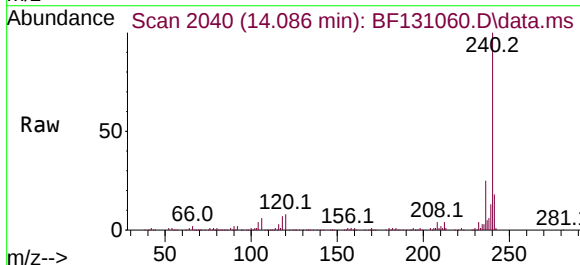
Instrument :
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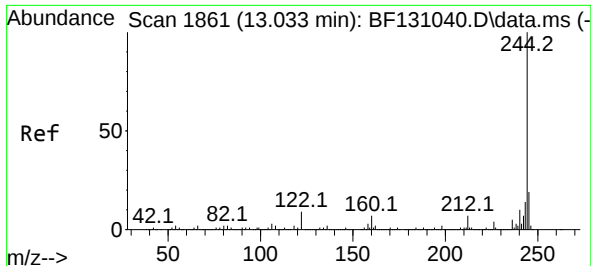
Tgt Ion:188 Resp: 207789
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.0 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:240 Resp: 146003
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 25.1 20.8 31.2

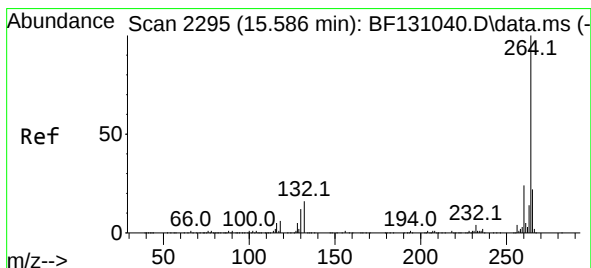
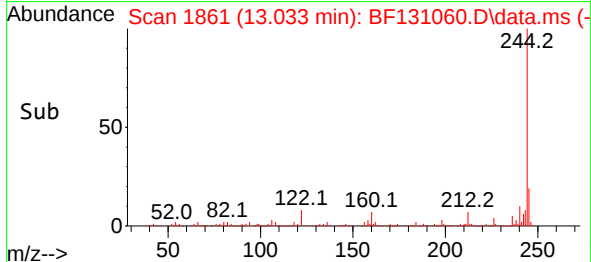
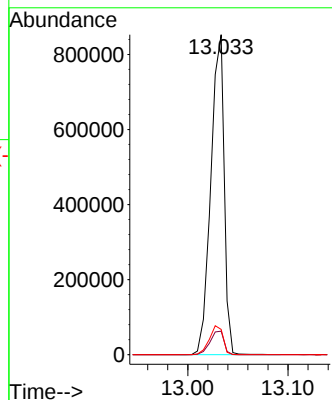
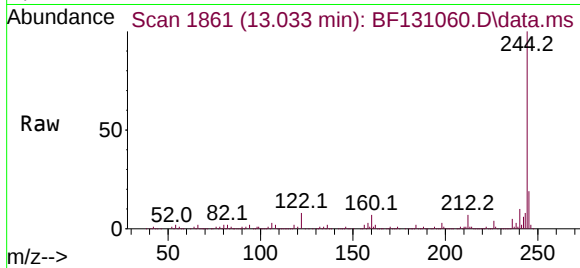




#79
 Terphenyl-d14
 Concen: 86.259 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

Instrument :
 BNA_F
 ClientSampleId :
 R-29

Tgt Ion:244 Resp: 785528
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

Tgt Ion:264 Resp: 116701
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.0 17.3 25.9

