

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131131.D
 Acq On : 10 Nov 2022 19:37
 Operator : CG\JU
 Sample : N5491-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 11 00:50:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

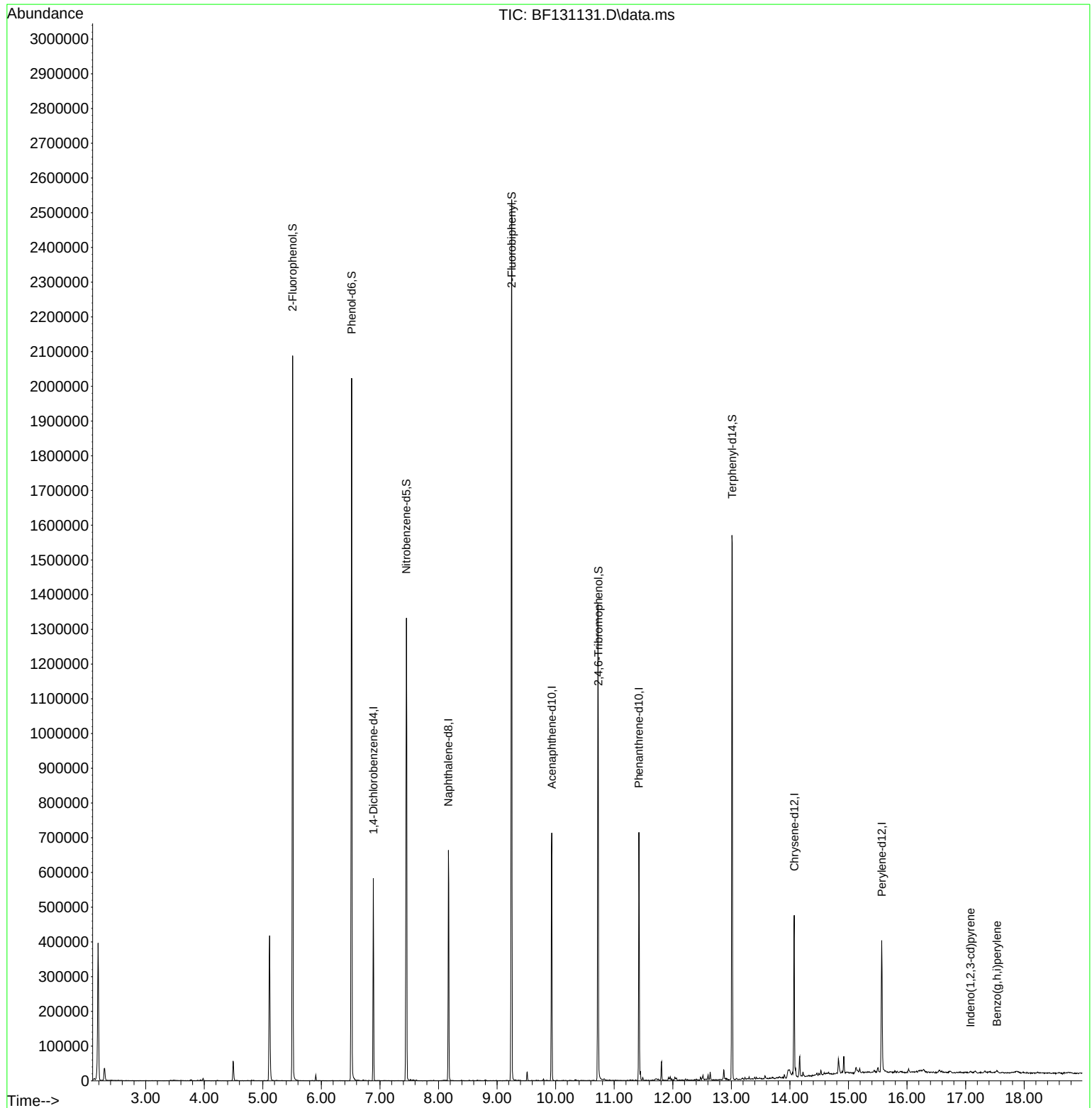
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73334	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	277781	20.000	ng	#-0.01
39) Acenaphthene-d10	9.933	164	144677	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	242113	20.000	ng	0.00
76) Chrysene-d12	14.074	240	151704	20.000	ng	0.00
86) Perylene-d12	15.568	264	162012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	499596	115.856	ng	0.00
7) Phenol-d6	6.516	99	634001	112.458	ng	0.00
23) Nitrobenzene-d5	7.451	82	428110	69.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	147470	98.629	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	767856	74.090	ng	0.00
79) Terphenyl-d14	13.016	244	558071	64.499	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	2938	4.069	ng	# 92
92) Benzo(g,h,i)perylene	17.533	276	3151	4.617	ng	# 94

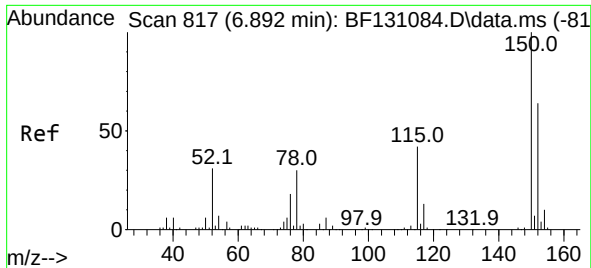
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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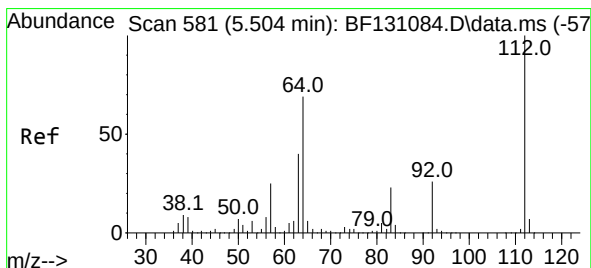
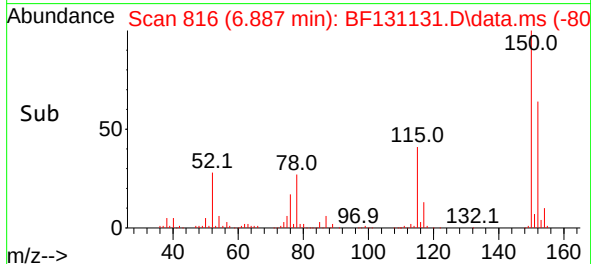
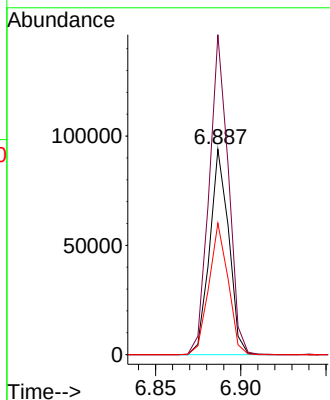
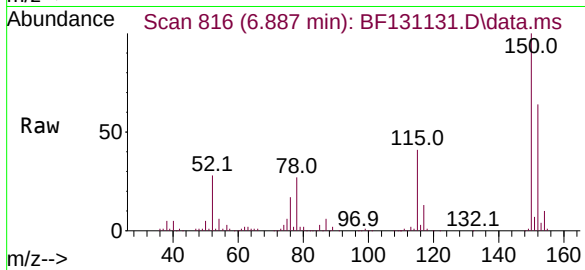




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

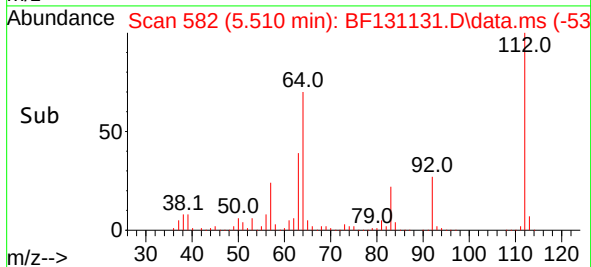
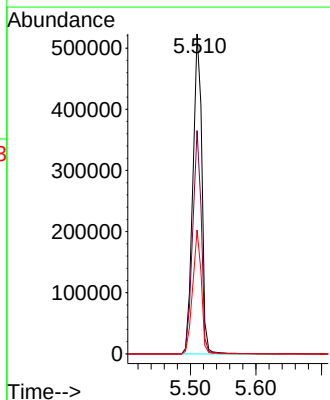
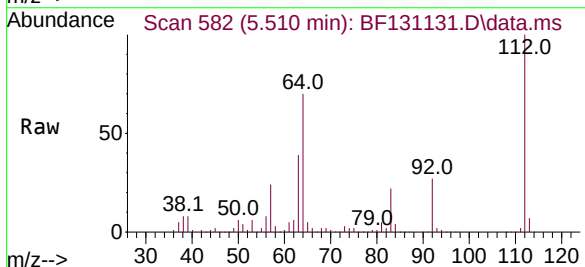
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

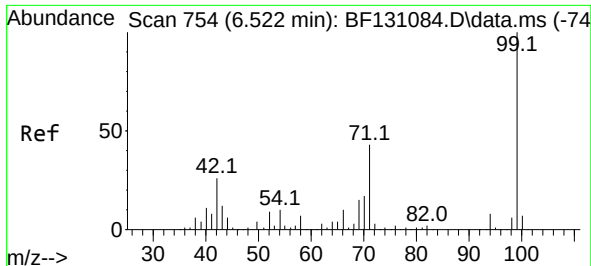
Tgt Ion:152 Resp: 73334
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.5 188.3
 115 64.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 115.856 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

Tgt Ion:112 Resp: 499596
 Ion Ratio Lower Upper
 112 100
 64 69.8 55.1 82.7
 63 38.7 32.4 48.6



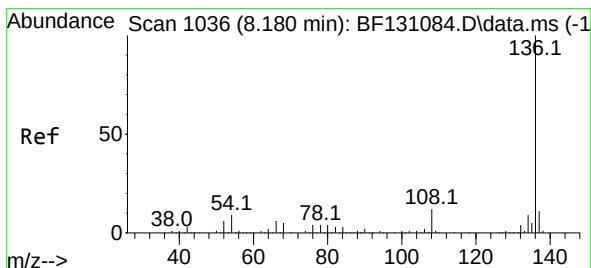
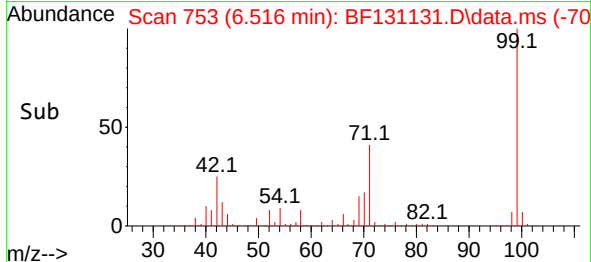
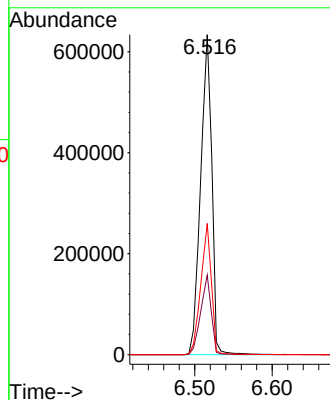
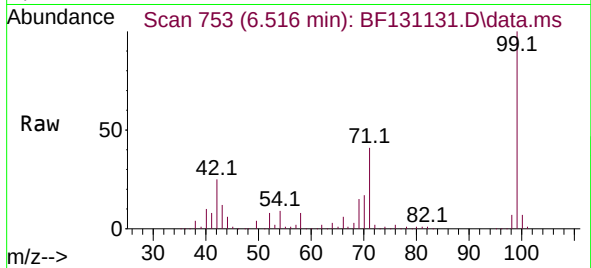


#7
Phenol-d6
Concen: 112.458 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 634001

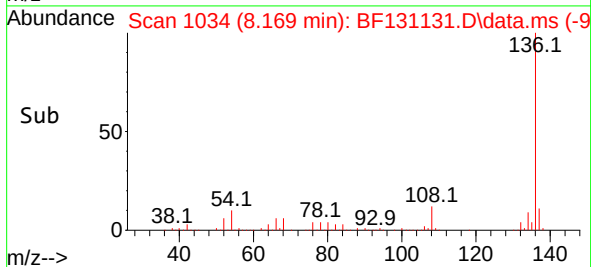
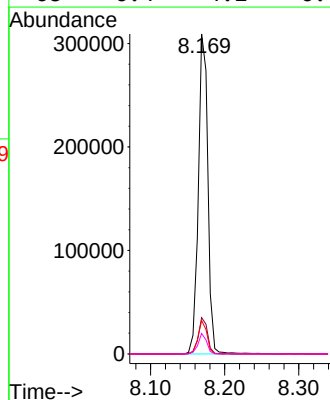
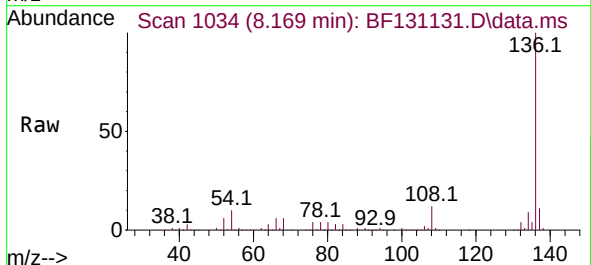
Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.8	31.2
71	41.0	34.2	51.4

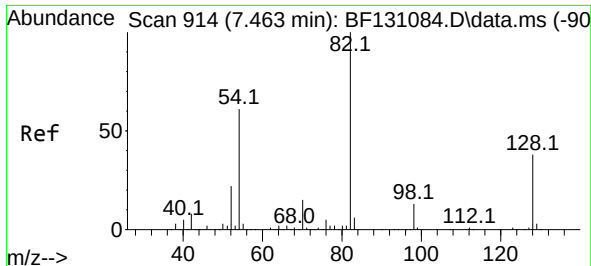


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion: 136 Resp: 277781

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.4	7.2	10.8
68	6.4	4.2	6.4





#23

Nitrobenzene-d5

Concen: 69.536 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131131.D

Acq: 10 Nov 2022 19:37

Instrument :

BNA_F

ClientSampleId :

TP-1

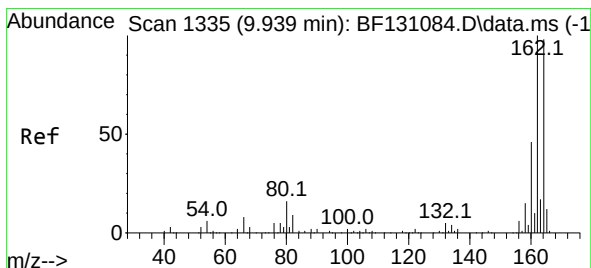
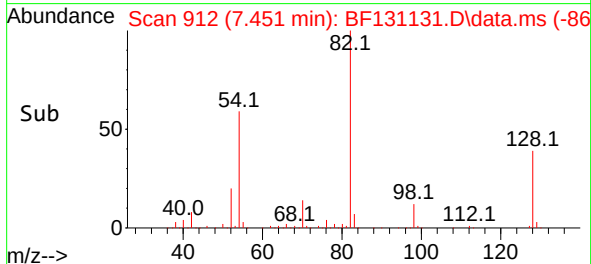
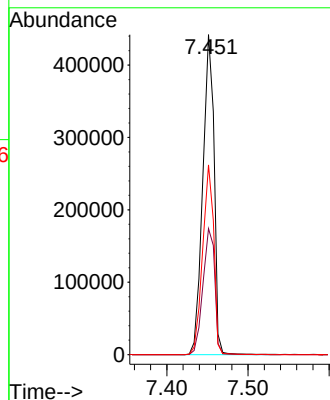
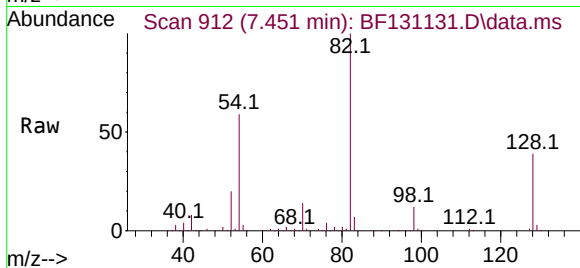
Tgt Ion: 82 Resp: 428110

Ion Ratio Lower Upper

82 100

128 39.4 30.5 45.7

54 59.3 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131131.D

Acq: 10 Nov 2022 19:37

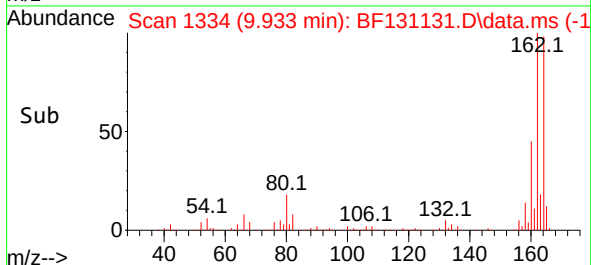
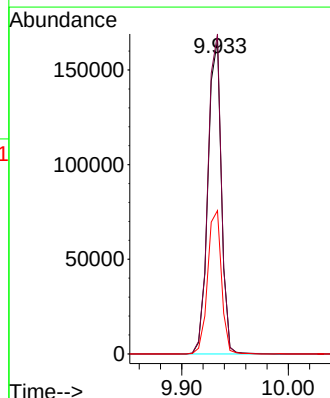
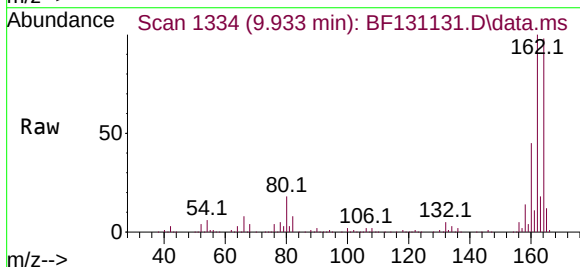
Tgt Ion:164 Resp: 144677

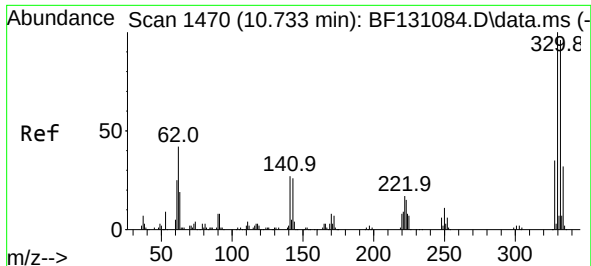
Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

160 45.6 37.4 56.2

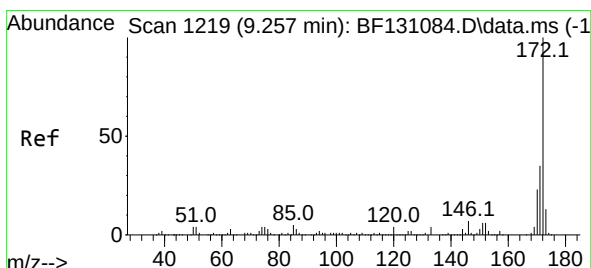
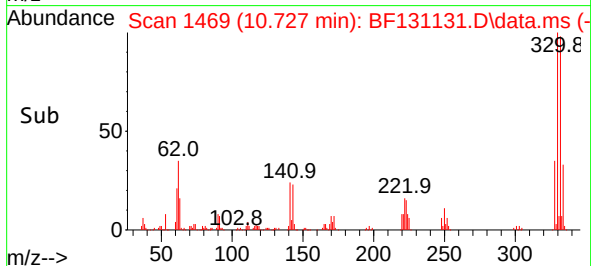
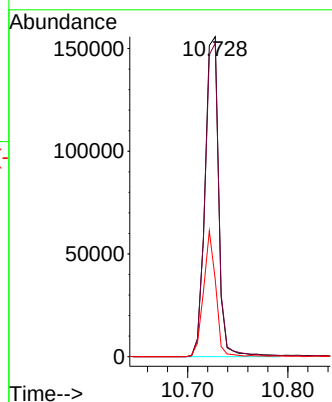
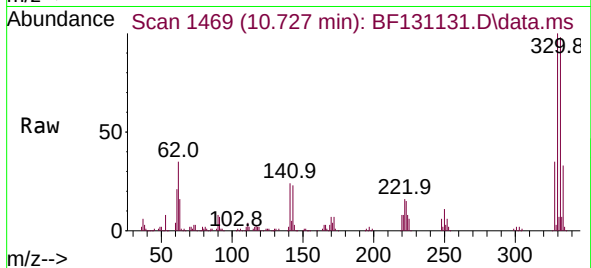




#42
2,4,6-Tribromophenol
Concen: 98.629 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

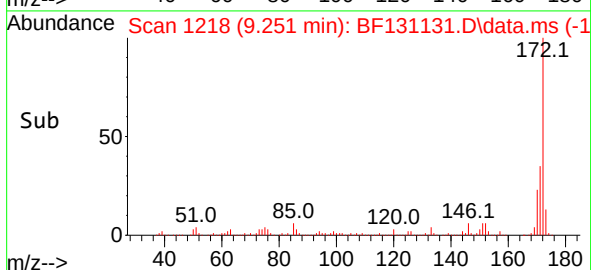
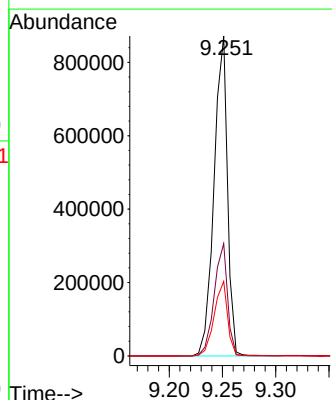
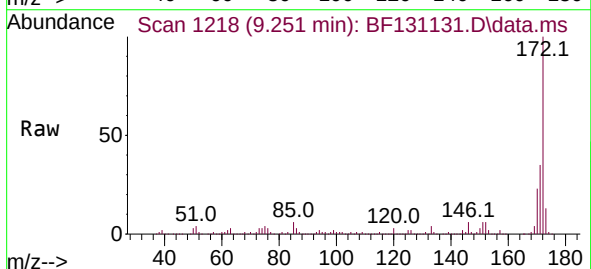
Instrument :
BNA_F
ClientSampleId :
TP-1

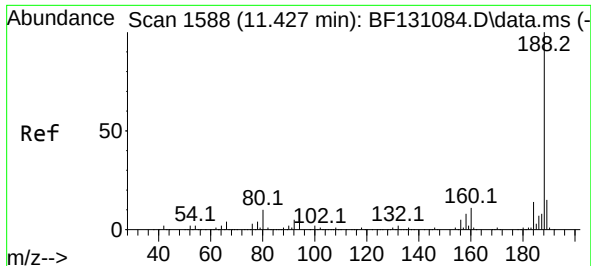
Tgt Ion: 330 Resp: 147470
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.4
141 35.2 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 74.090 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion: 172 Resp: 767856
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.3 18.8 28.2

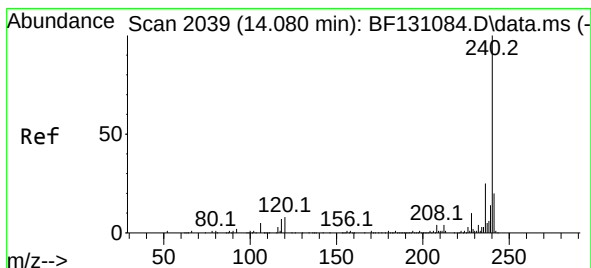
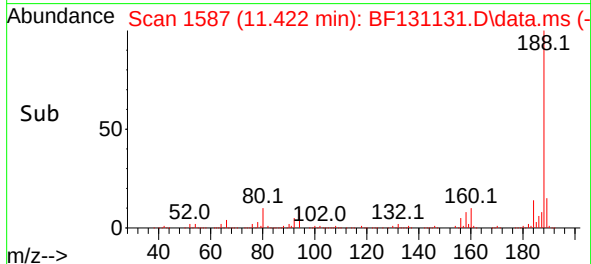
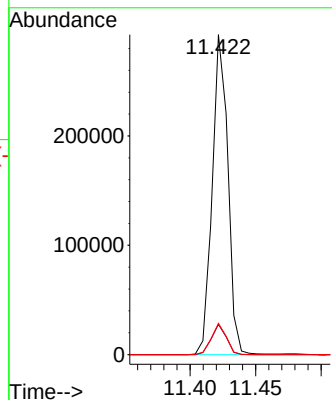
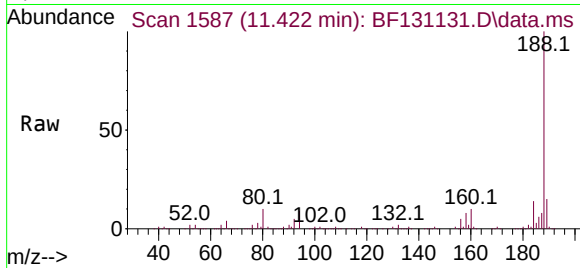




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

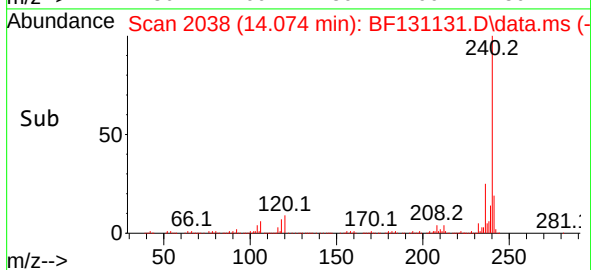
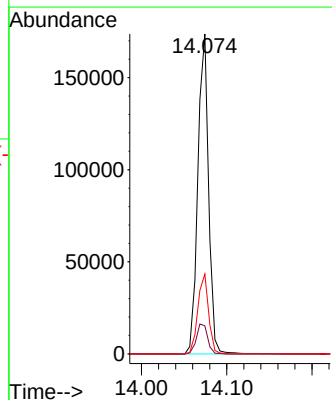
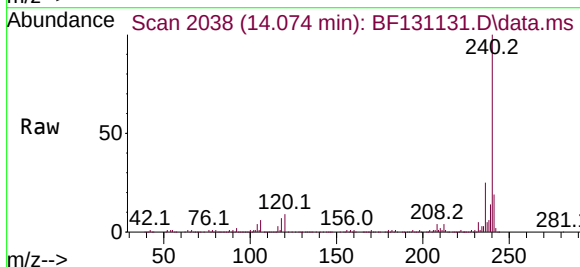
Instrument :
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TP-1

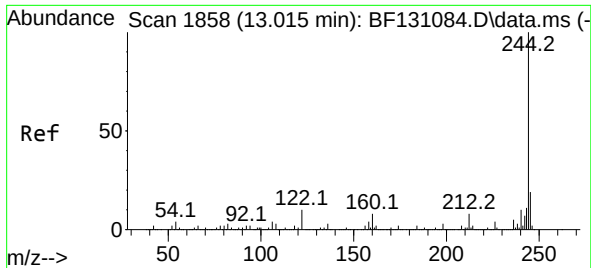
Tgt Ion:188 Resp: 242113
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:240 Resp: 151704
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.0 19.7 29.5

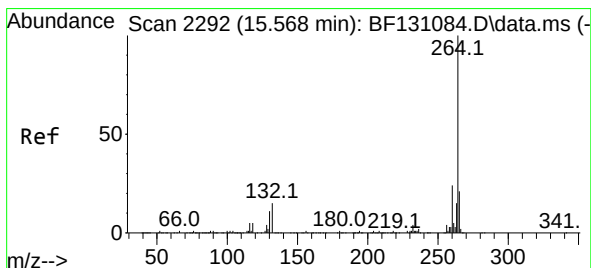
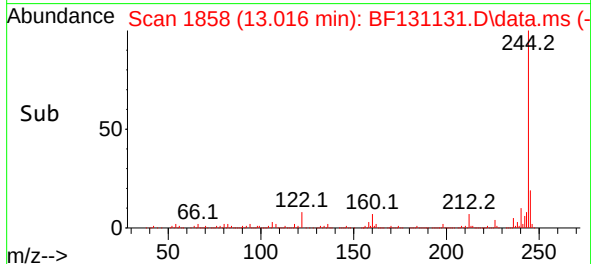
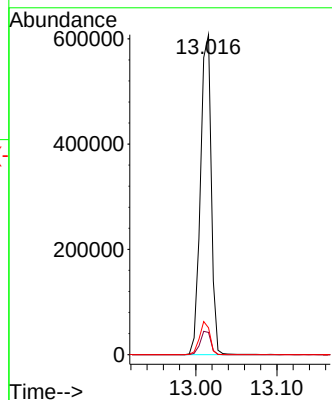
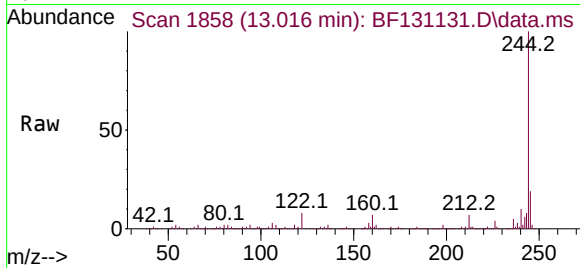




#79
 Terphenyl-d14
 Concen: 64.499 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

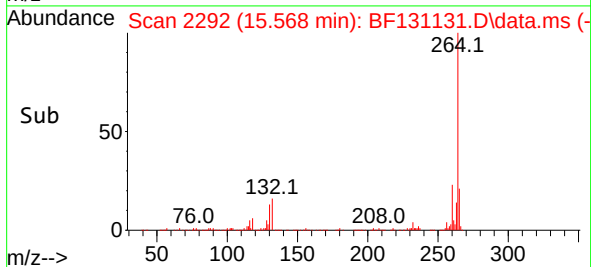
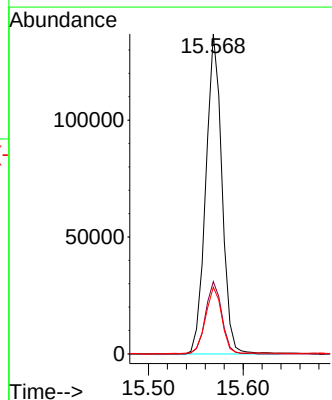
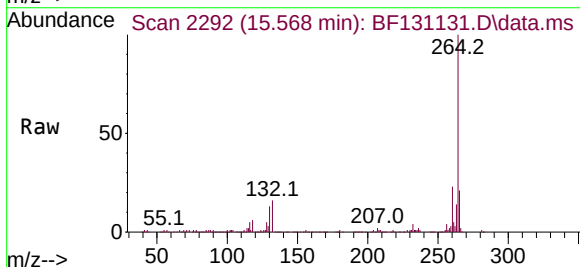
Instrument :
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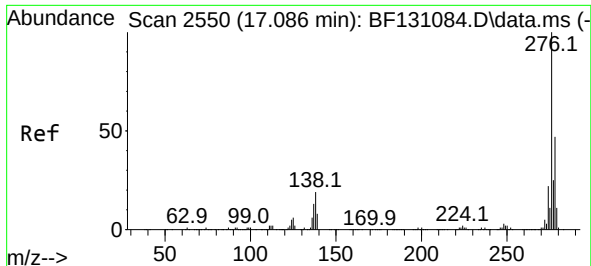
Tgt Ion:244 Resp: 558071
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

Tgt Ion:264 Resp: 162012
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 20.9 16.7 25.1

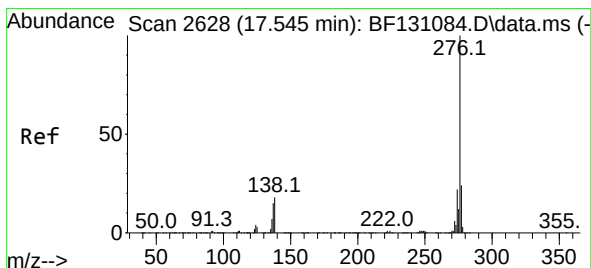
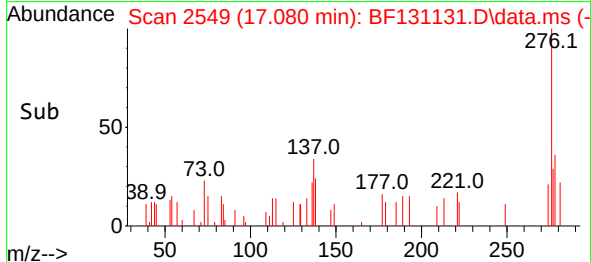
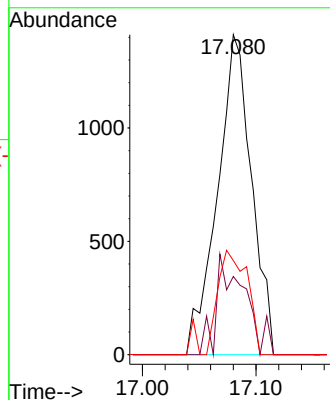
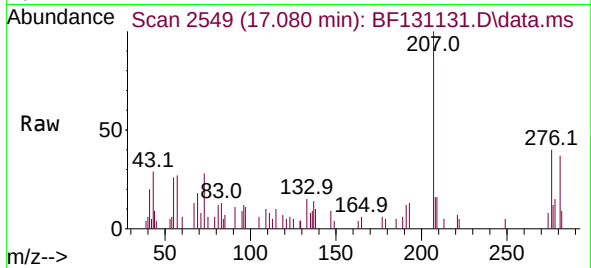




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.069 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:276 Resp: 2938
 Ion Ratio Lower Upper
 276 100
 138 26.3 16.9 25.3#
 277 28.2 20.3 30.5



#92
 Benzo(g,h,i)perylene
 Concen: 4.617 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF131131.D
 Acq: 10 Nov 2022 19:37

Tgt Ion:276 Resp: 3151
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.4
 138 24.6 14.6 21.8#

