

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135192.D
 Acq On : 12 Sep 2023 20:59
 Operator : CG\JU
 Sample : 04336-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-B

Quant Time: Sep 13 02:45:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	220435	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	859306	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	437772	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	857904	20.000	ng	0.00
76) Chrysene-d12	13.945	240	547564	20.000	ng	0.00
86) Perylene-d12	15.409	264	457458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	931320	68.716	ng	0.02
7) Phenol-d6	6.404	99	1230780	71.417	ng	0.00
23) Nitrobenzene-d5	7.328	82	761344	48.136	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	341470	78.492	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1382223	47.636	ng	0.00
79) Terphenyl-d14	12.892	244	1495109	42.328	ng	0.00

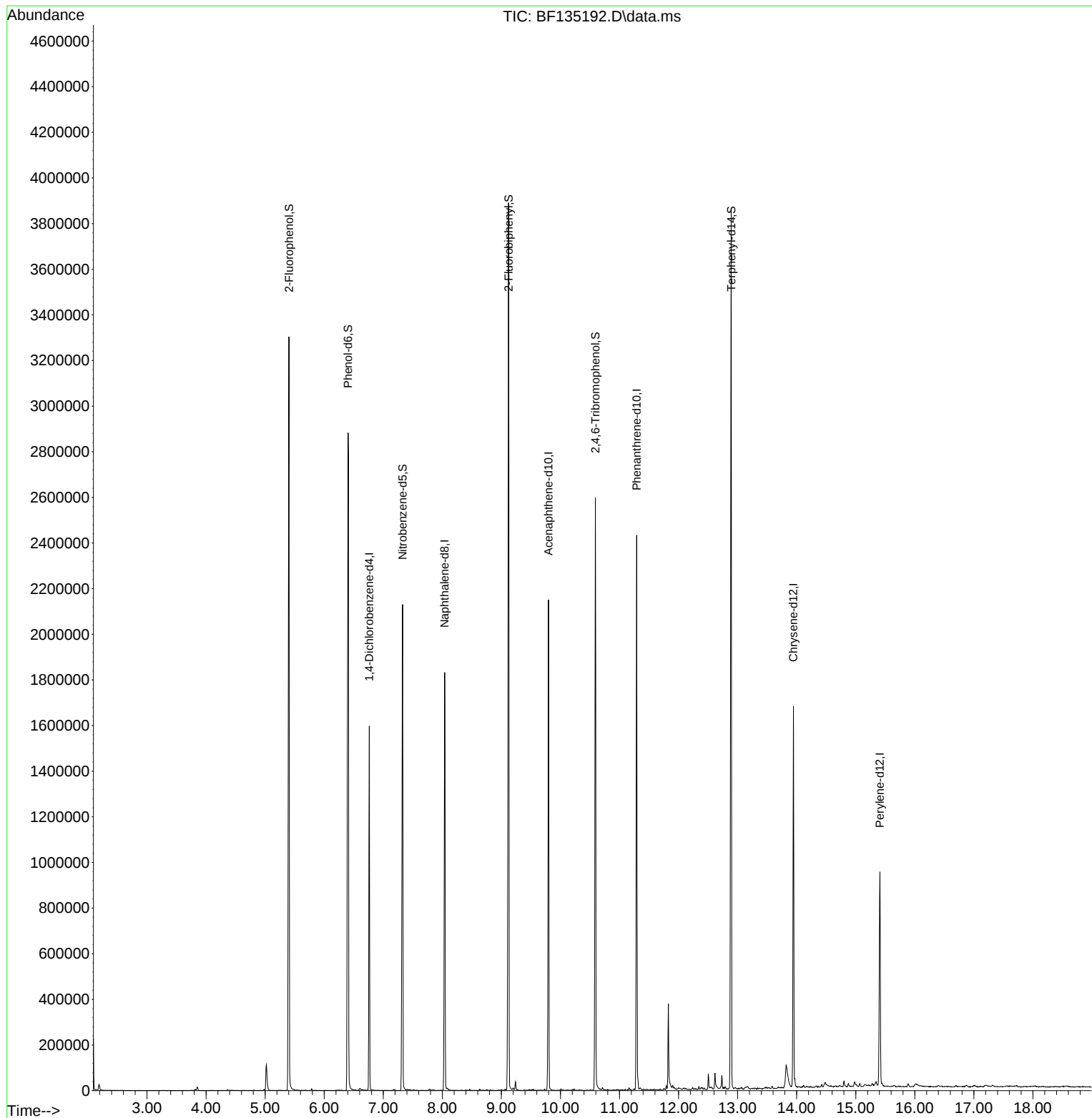
Target Compounds	Qvalue

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

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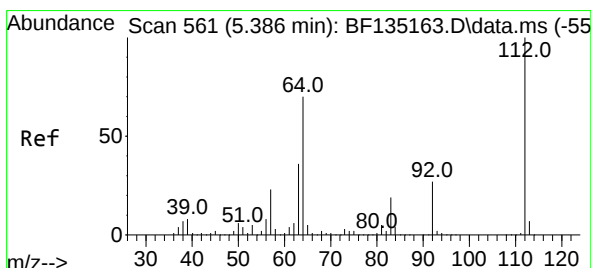
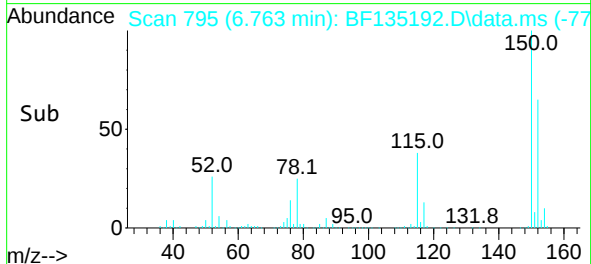
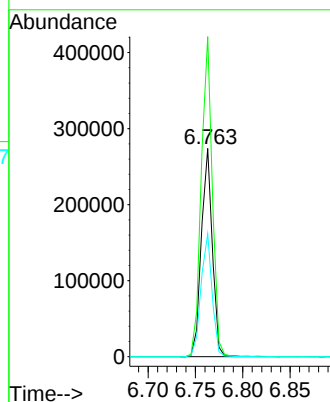
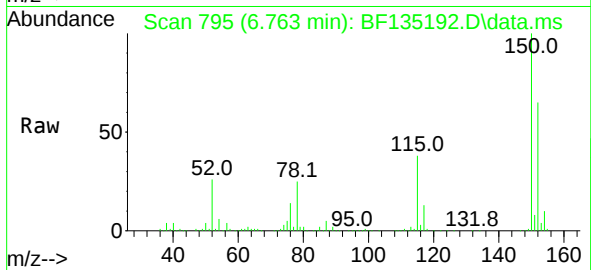




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

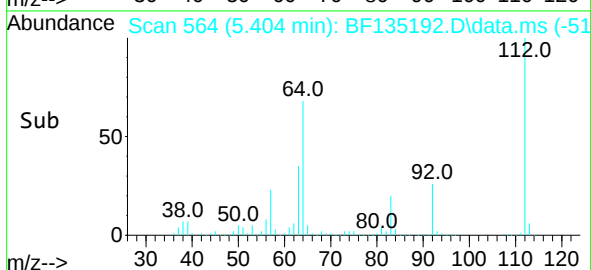
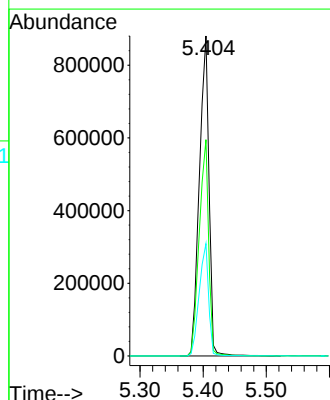
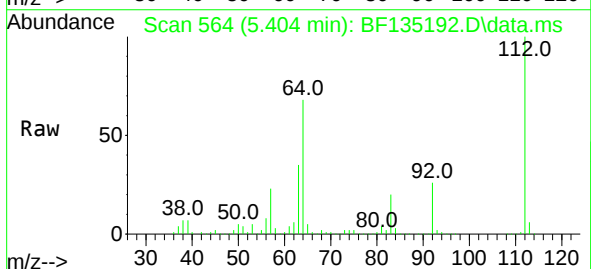
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

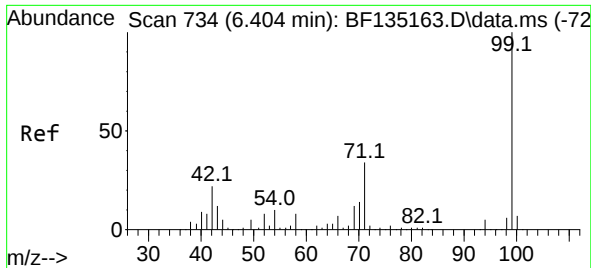
Tgt Ion:152 Resp: 220435
Ion Ratio Lower Upper
152 100
150 153.7 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 68.716 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

Tgt Ion:112 Resp: 931320
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.1 29.0 43.6





#7

Phenol-d6

Concen: 71.417 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135192.D

Acq: 12 Sep 2023 20:59

Instrument :

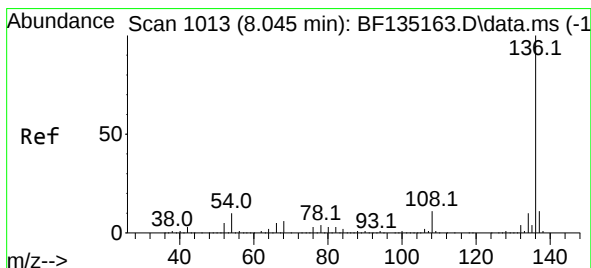
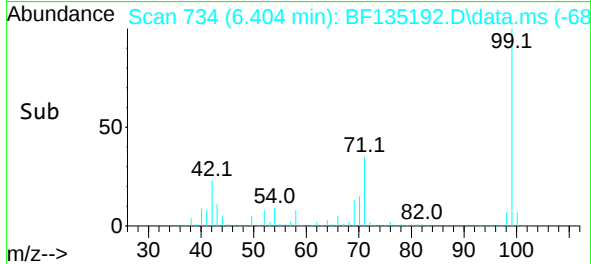
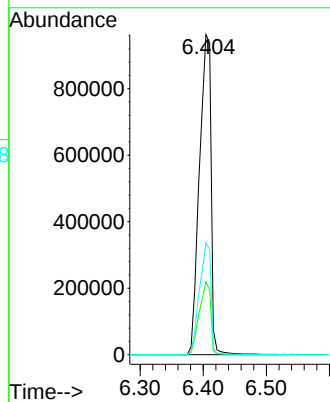
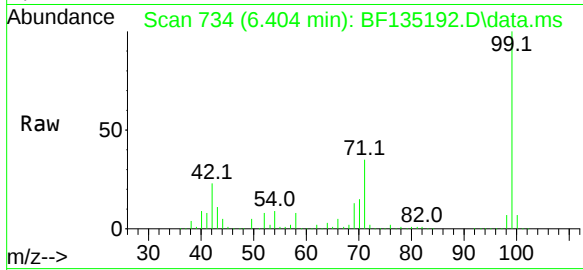
BNA_F

ClientSampleId :

DUCT-BANK-B

Tgt Ion: 99 Resp: 1230780

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	34.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

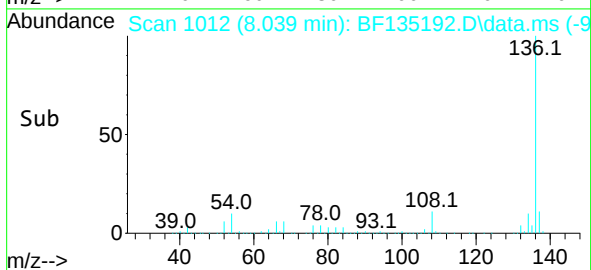
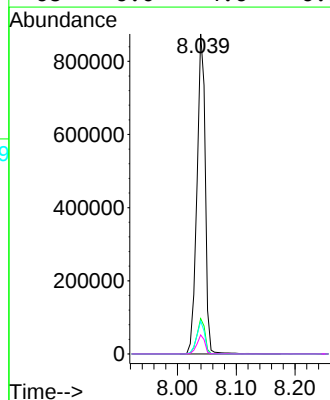
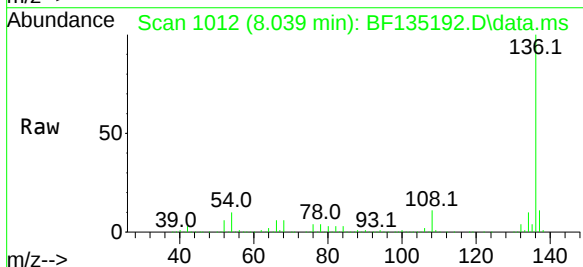
Delta R.T. -0.006 min

Lab File: BF135192.D

Acq: 12 Sep 2023 20:59

Tgt Ion: 136 Resp: 859306

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.3	7.7	11.5
68	6.0	4.6	6.8

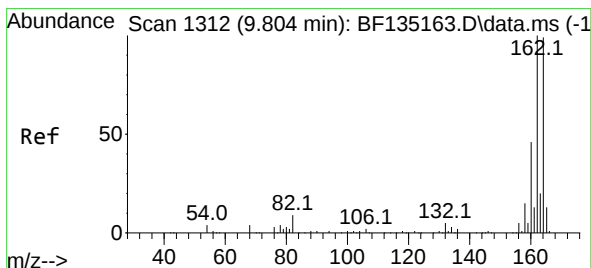
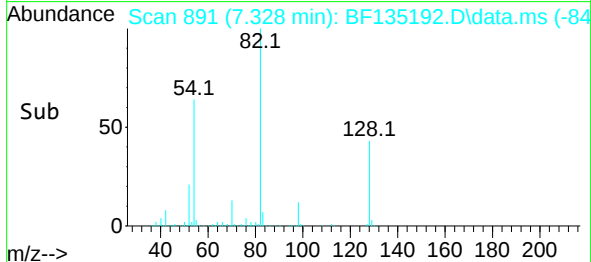
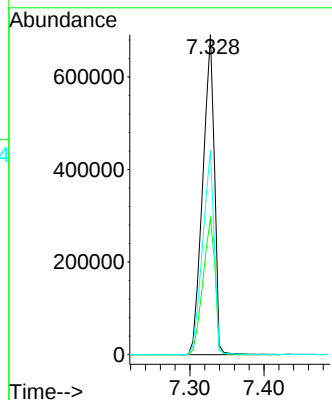
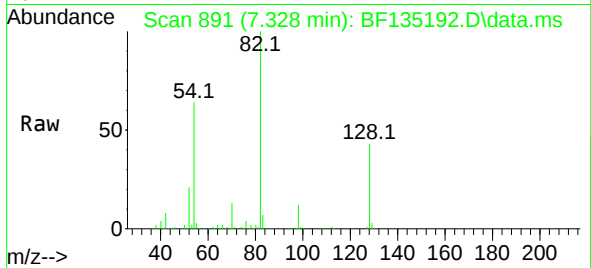




#23
Nitrobenzene-d5
Concen: 48.136 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

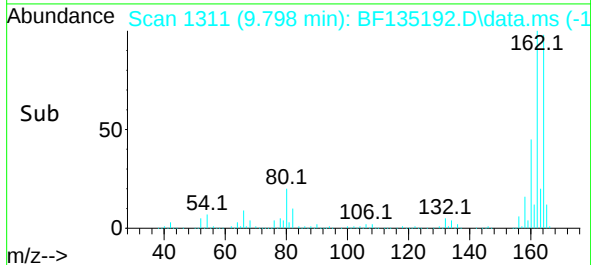
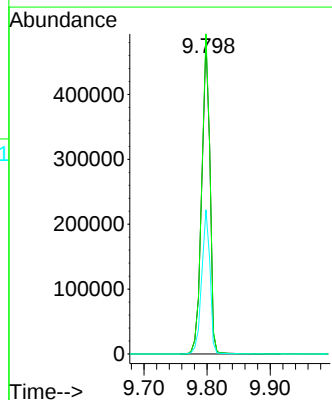
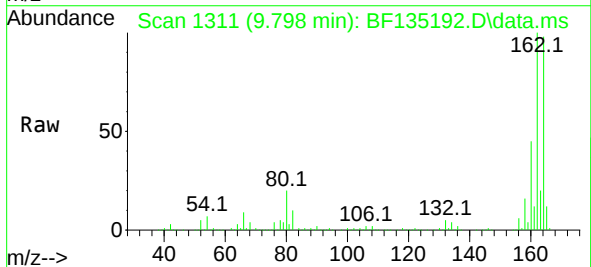
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

Tgt Ion: 82 Resp: 761344
Ion Ratio Lower Upper
82 100
128 42.7 35.8 53.6
54 63.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

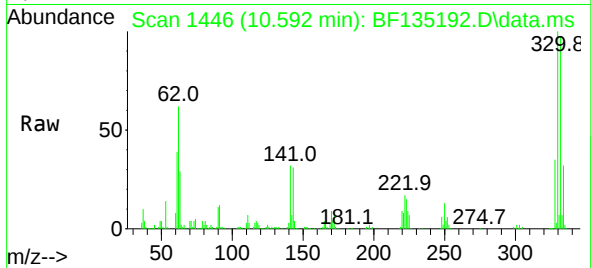
Tgt Ion: 164 Resp: 437772
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 46.0 37.0 55.4



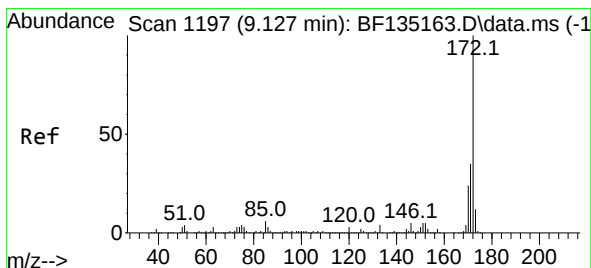
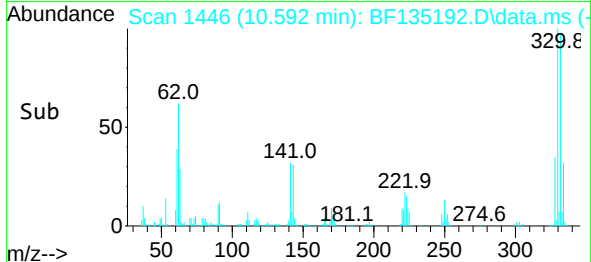
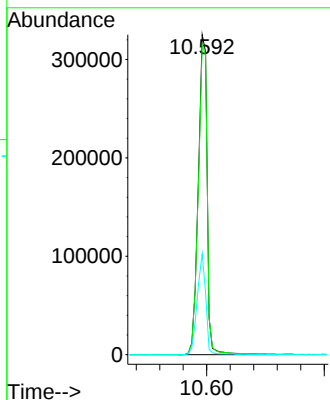


#42
2,4,6-Tribromophenol
Concen: 78.492 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

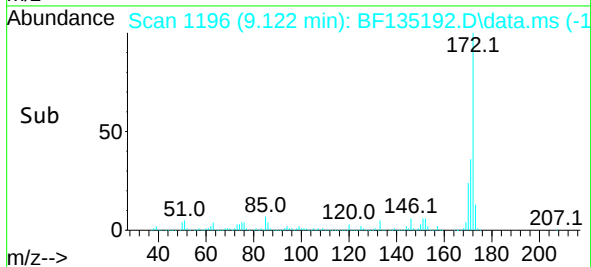
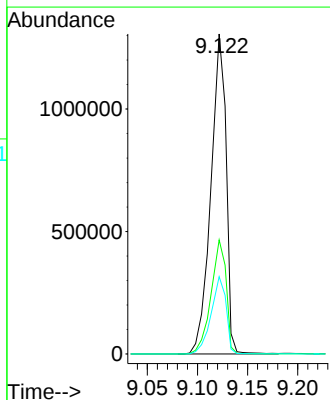
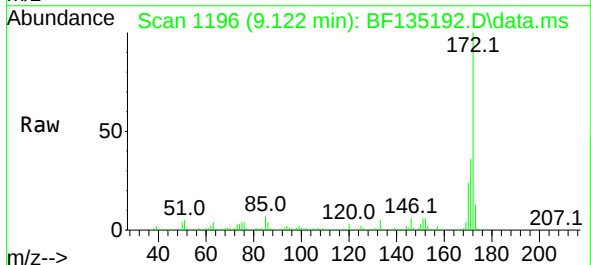


Tgt Ion:330 Resp: 341470
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 47.636 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

Tgt Ion:172 Resp: 1382223
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.0 28.4

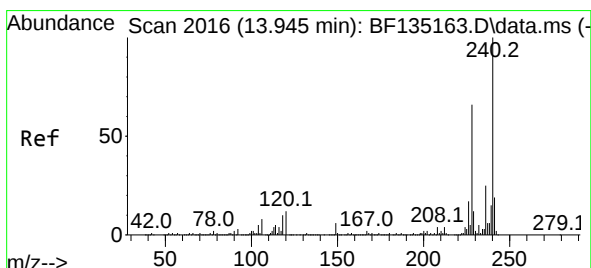
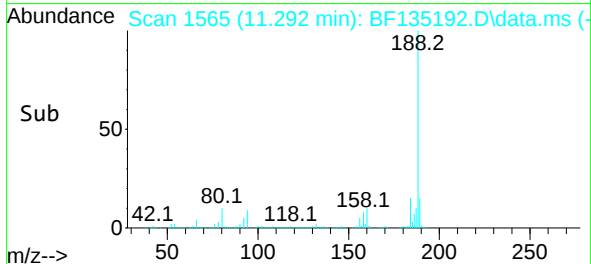
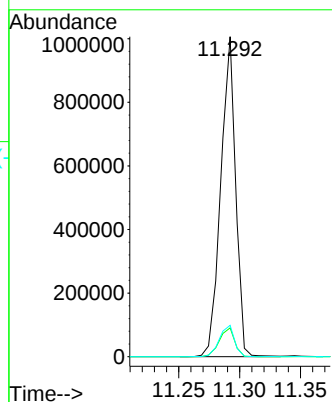
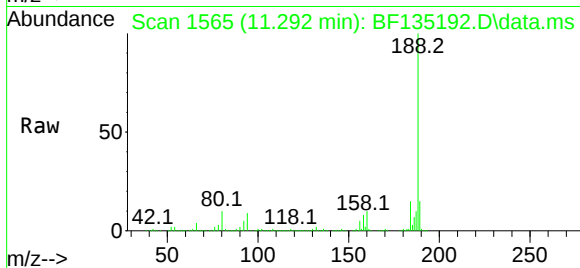




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

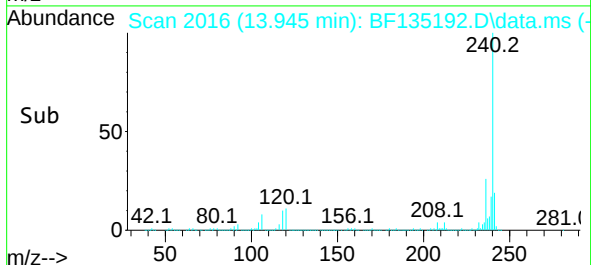
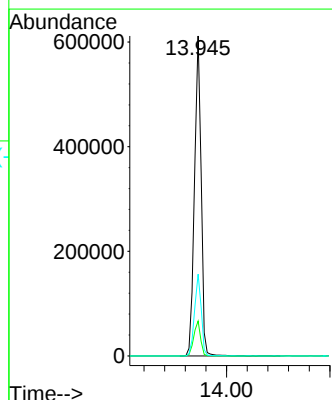
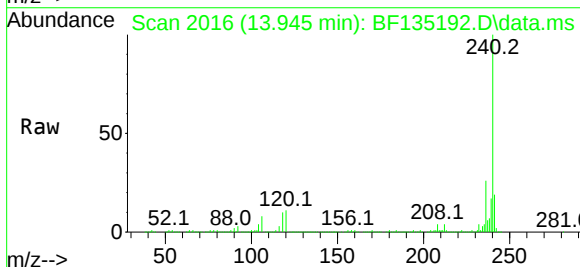
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

Tgt Ion:188 Resp: 857904
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

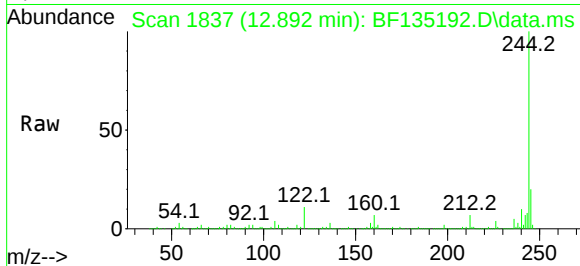
Tgt Ion:240 Resp: 547564
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.6 19.8 29.8





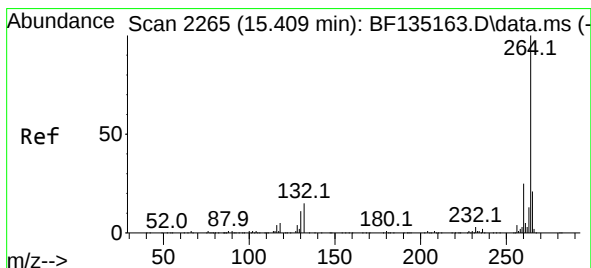
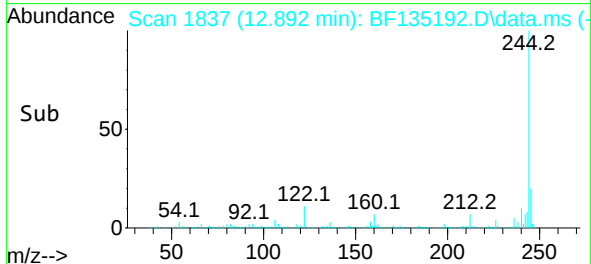
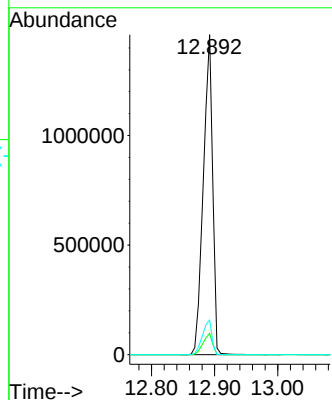
#79
 Terphenyl-d14
 Concen: 42.328 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135192.D
 Acq: 12 Sep 2023 20:59

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-B



Tgt Ion:244 Resp: 1495109

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	10.8	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135192.D
 Acq: 12 Sep 2023 20:59

Tgt Ion:264 Resp: 457458

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.4	17.0	25.4

