

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)

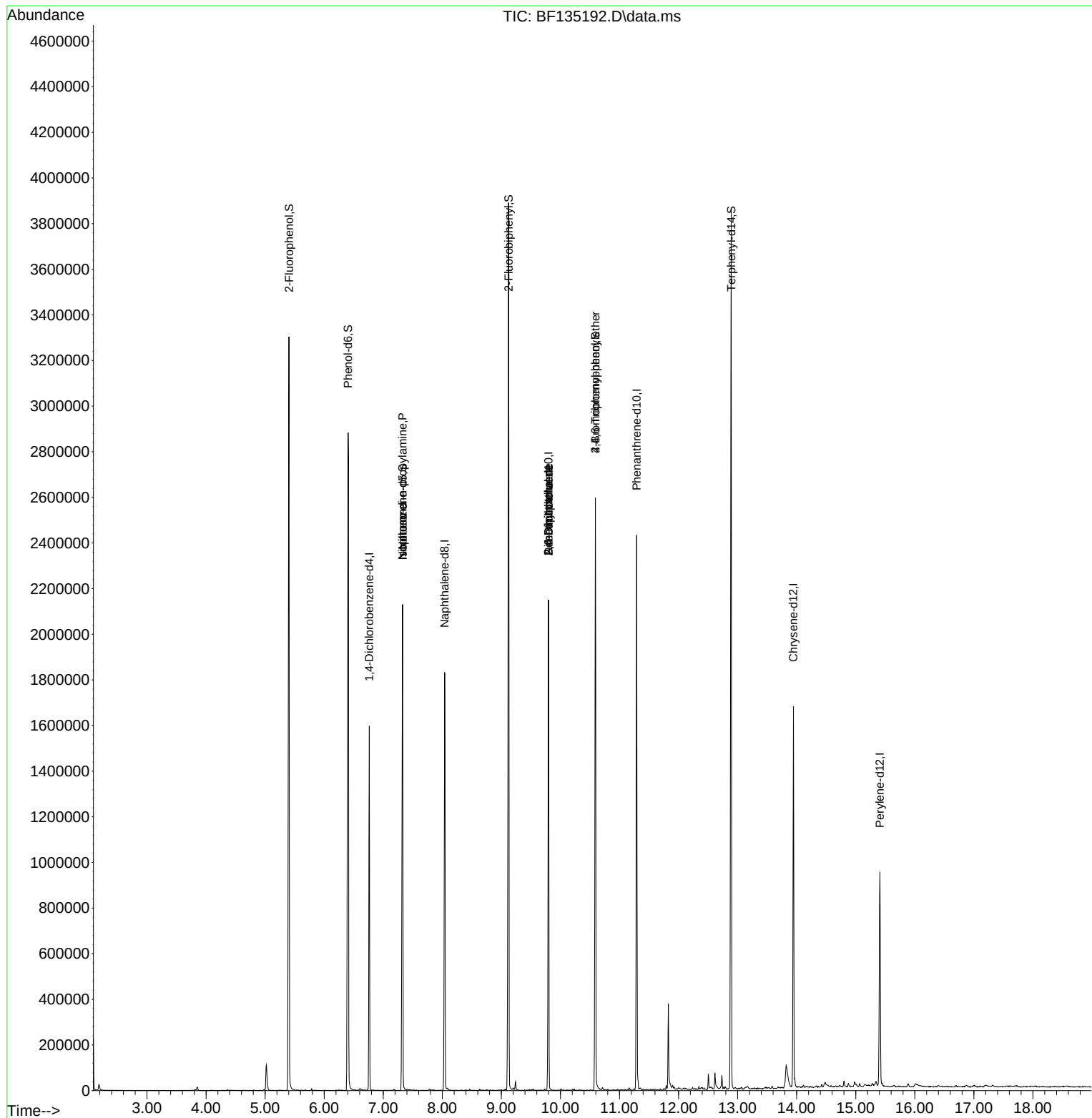
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	220435	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	859306	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	437772	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	857904	20.000	ng	0.00
76) Chrysene-d12	13.945	240	547564	20.000	ng	0.00
86) Perylene-d12	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	
19) n-Nitroso-di-n-propyla...	7.328	70	100950	9.457	ng	# 80
25) Isophorone	7.328	82	756967	26.063	ng	# 65
50) Dimethylphthalate	9.798	163	88962	3.006	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	56369	8.694	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	56369	6.944	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	20738	2.430	ng	# 1

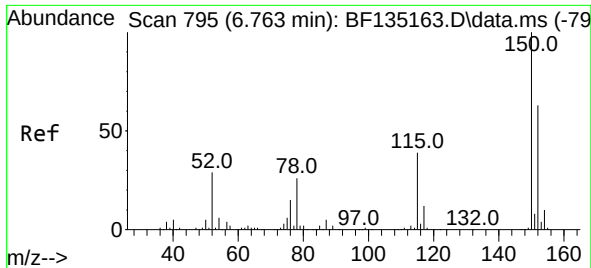
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

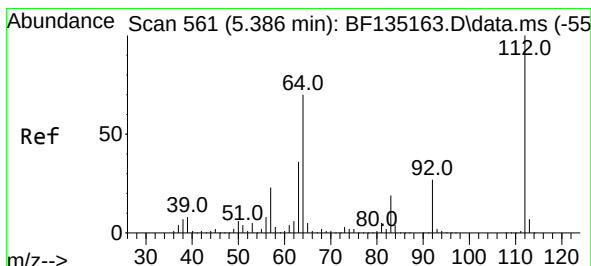
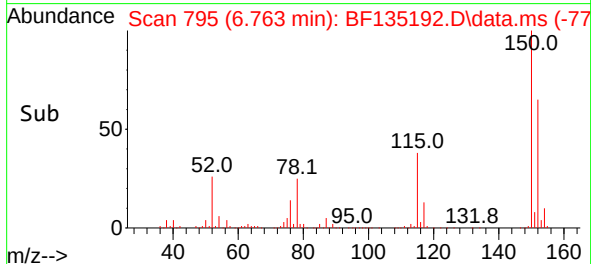
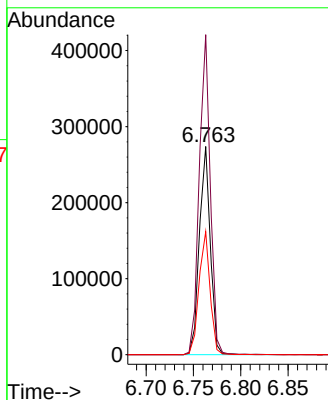
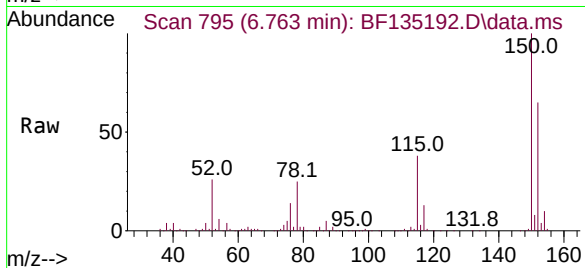




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135192.D
 Acq: 12 Sep 2023 20:59

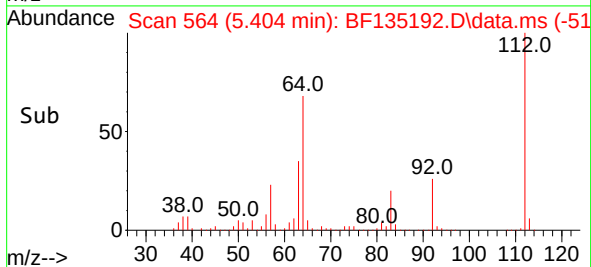
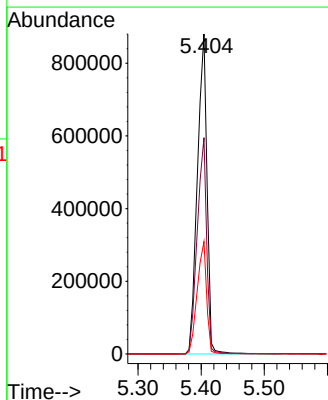
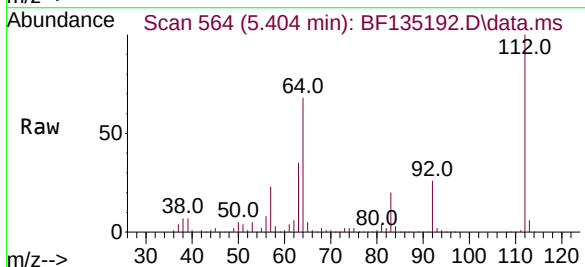
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-B

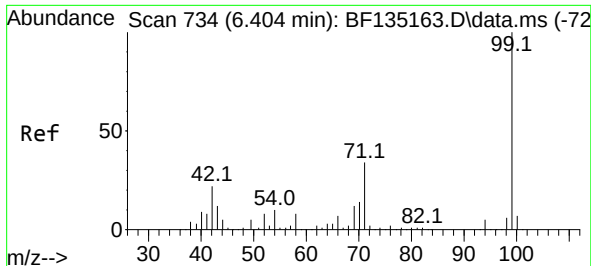
Tgt Ion:152 Resp: 220435
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.8 191.6
 115 59.1 49.8 74.8



#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 :

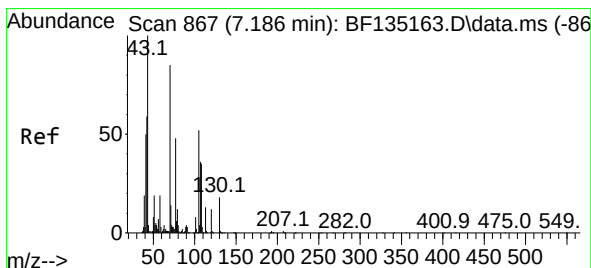
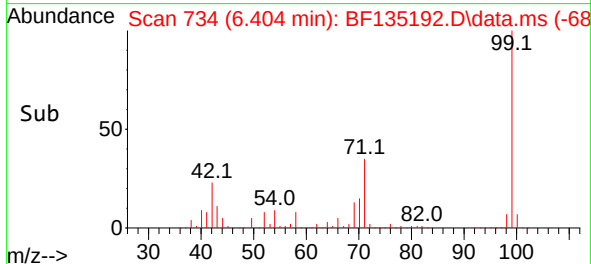
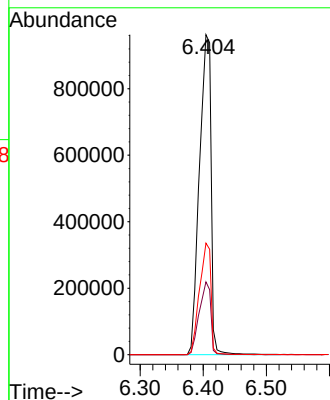
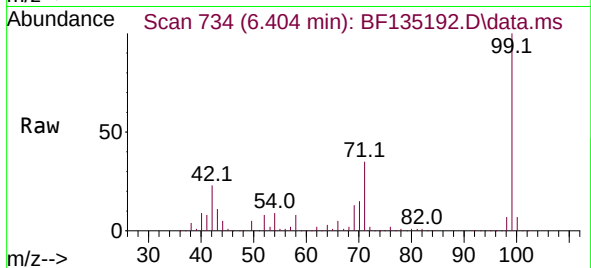
BNA_F

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



#19

n-Nitroso-di-n-propylamine

Concen: 9.457 ng

RT: 7.328 min Scan# 891

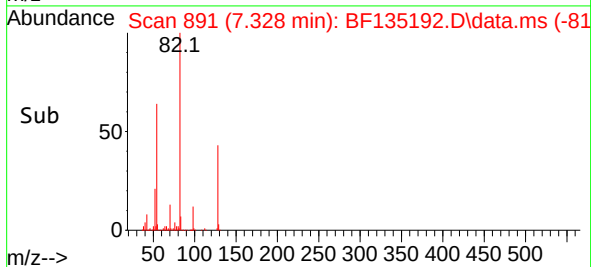
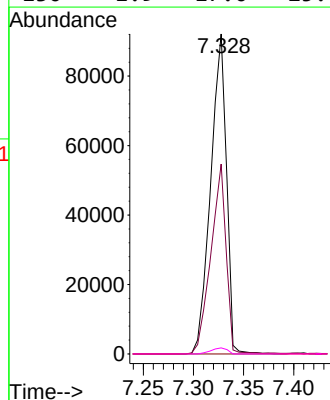
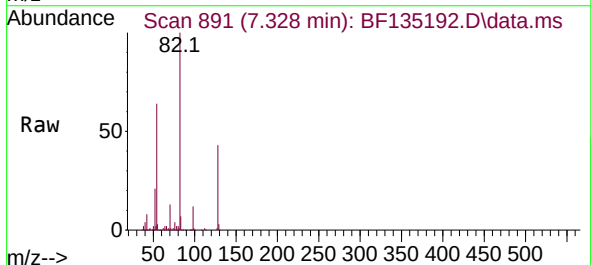
Delta R.T. 0.141 min

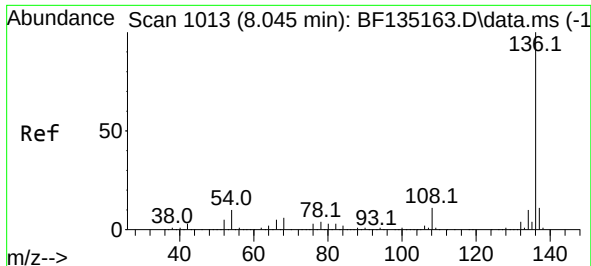
Lab File: BF135192.D

Acq: 12 Sep 2023 20:59

Tgt Ion: 70 Resp: 100950

Ion	Ratio	Lower	Upper
70	100		
42	59.4	55.4	83.0
101	0.0	7.7	11.5#
130	1.9	17.0	25.6#

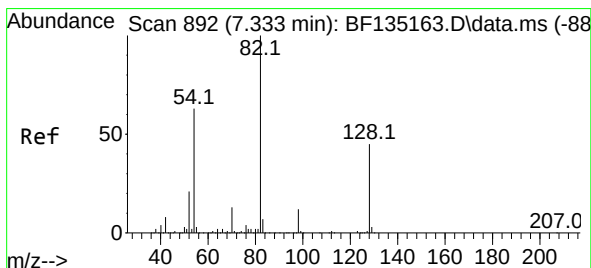
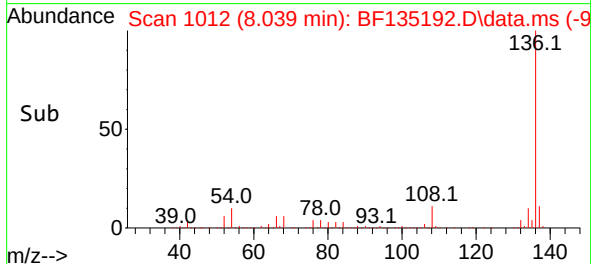
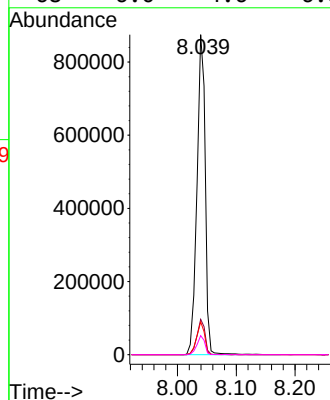
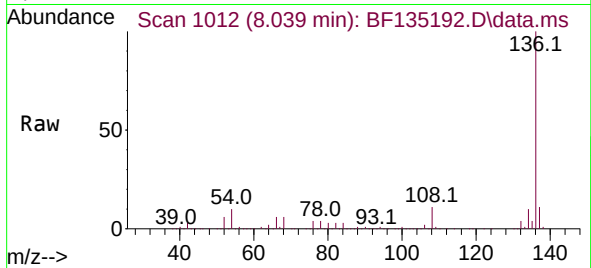




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

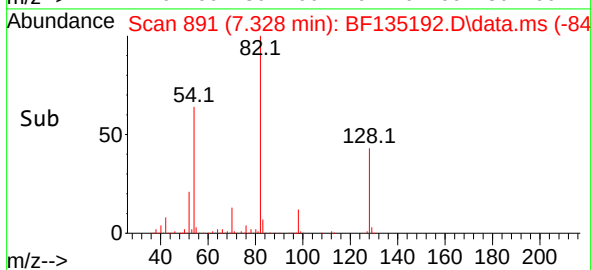
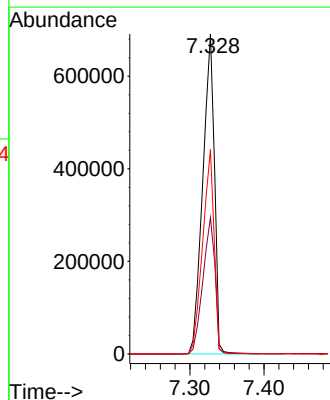
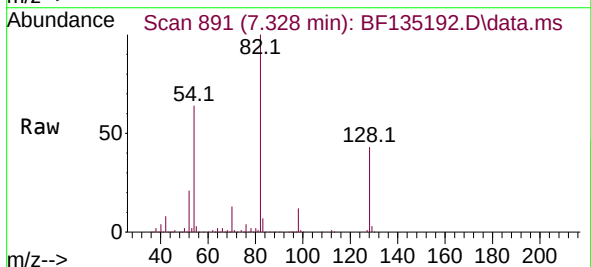
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

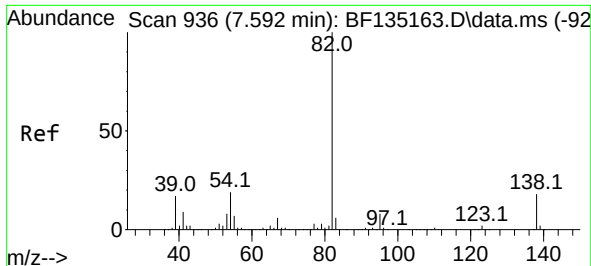
Tgt Ion:136 Resp: 859306
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 7.7 11.5
68 6.0 4.6 6.8



#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

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

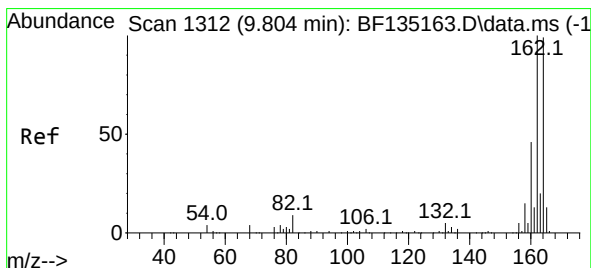
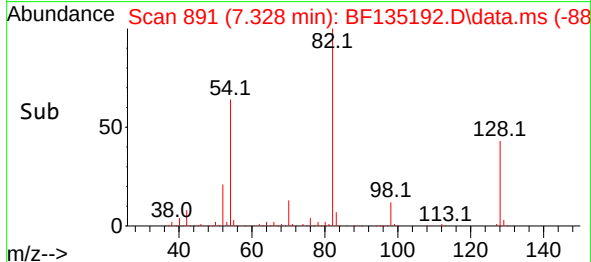
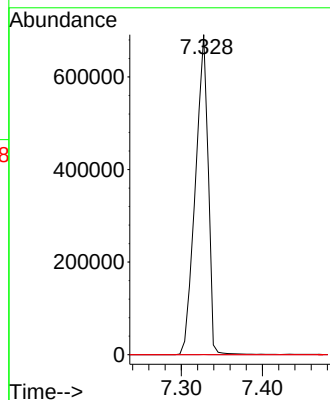
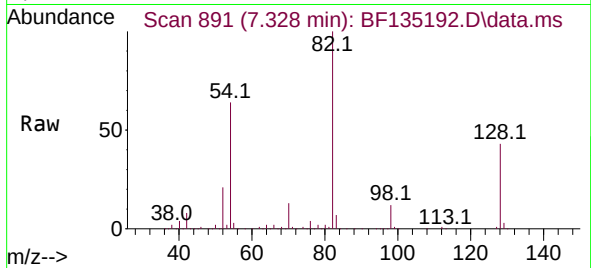




#25
Isophorone
Concen: 26.063 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

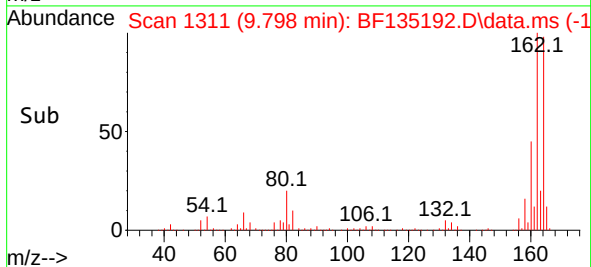
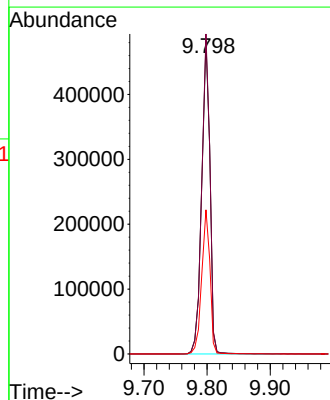
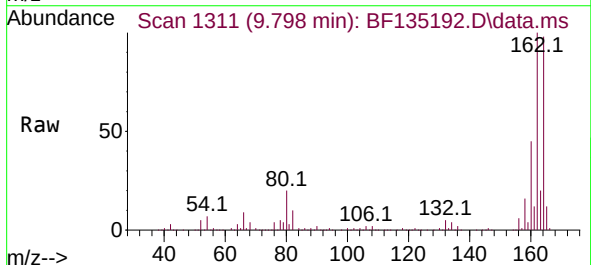
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

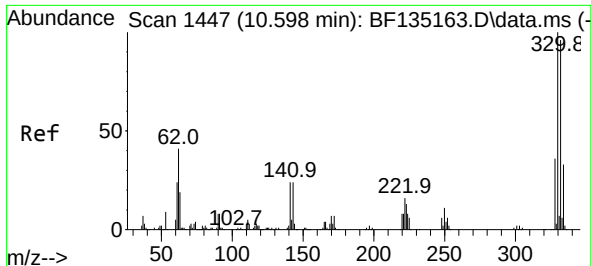
Tgt Ion: 82 Resp: 756967
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#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

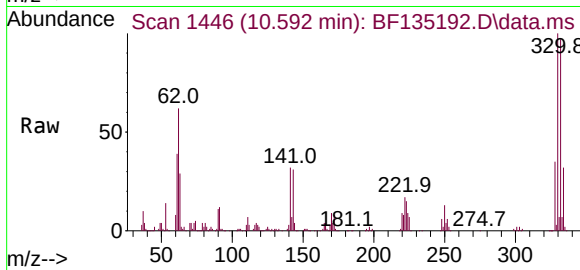
Acq: 12 Sep 2023 20:59

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-B



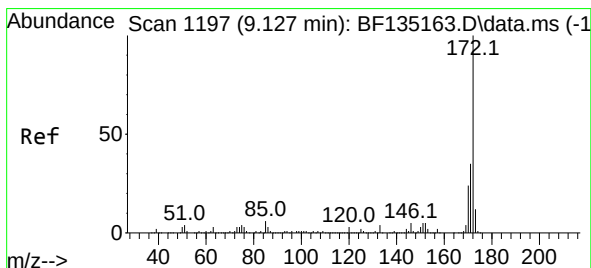
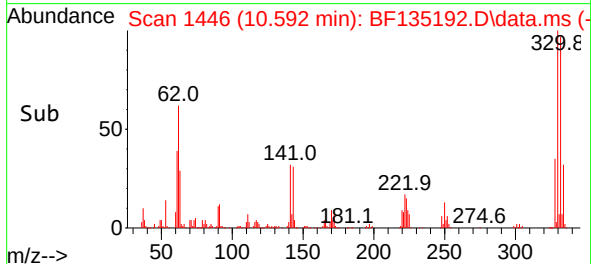
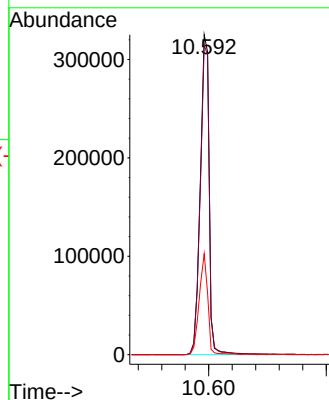
Tgt Ion:330 Resp: 341470

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

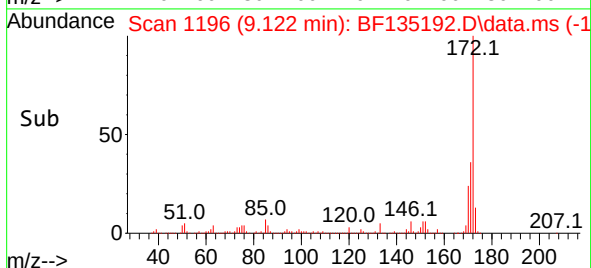
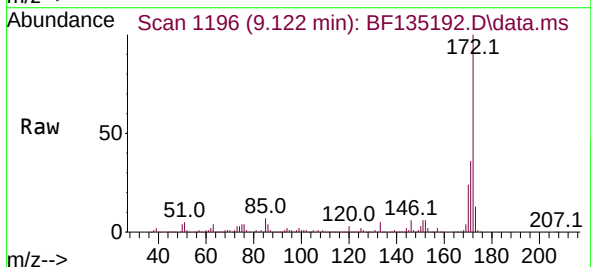
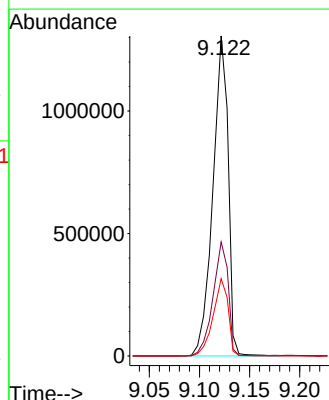
Tgt Ion:172 Resp: 1382223

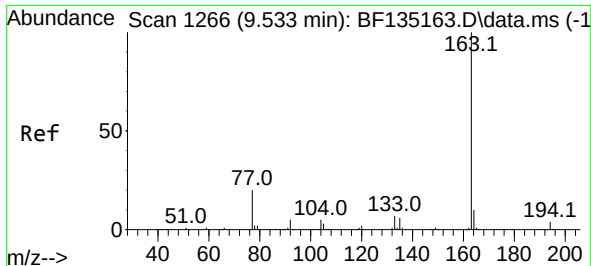
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 19.0 28.4

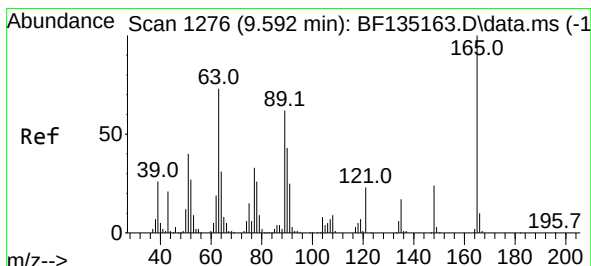
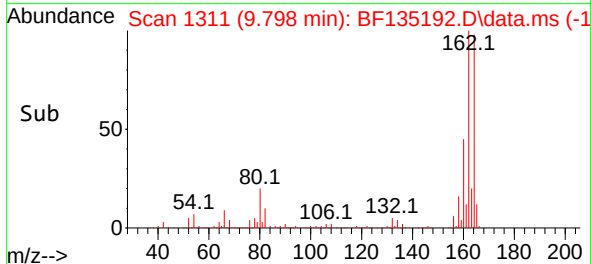
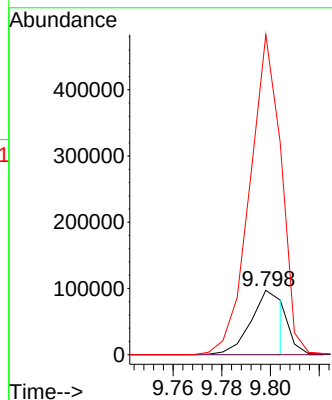
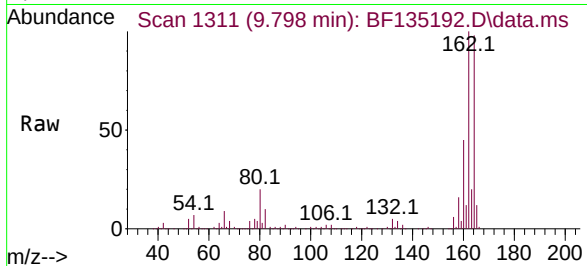




#50
Dimethylphthalate
Concen: 3.006 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

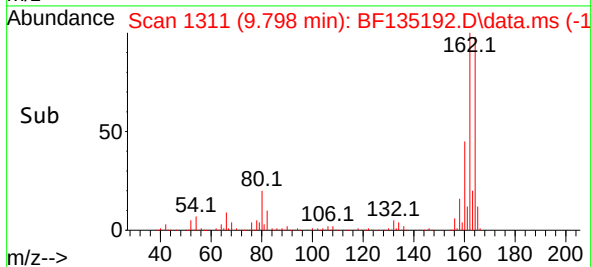
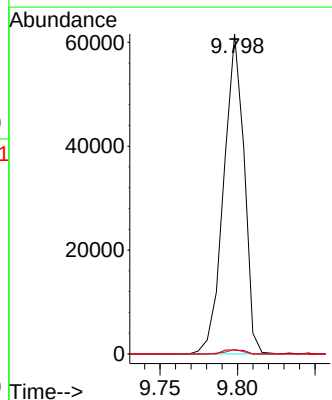
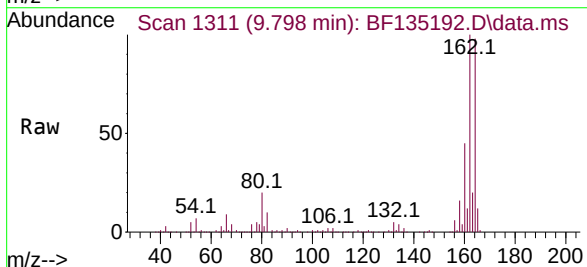
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

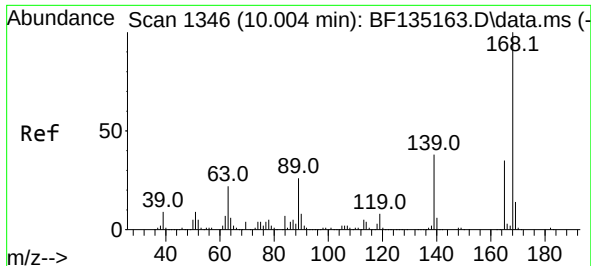
Tgt Ion:163 Resp: 88962
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 497.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

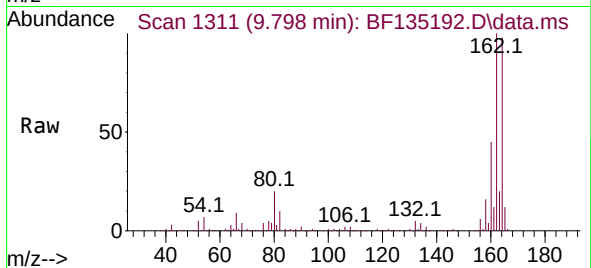
Tgt Ion:165 Resp: 56369
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.4 49.8 74.8#



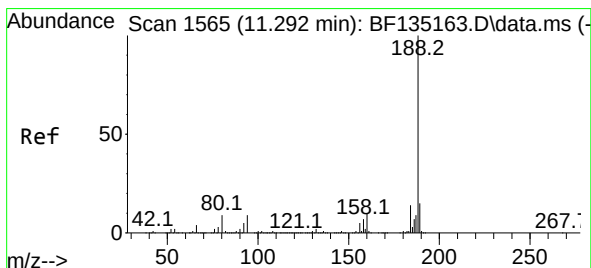
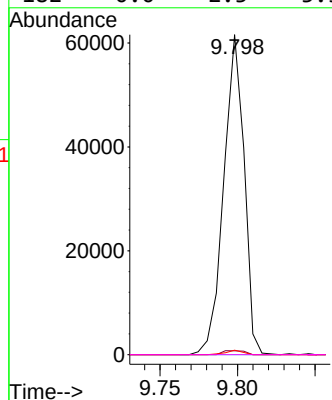
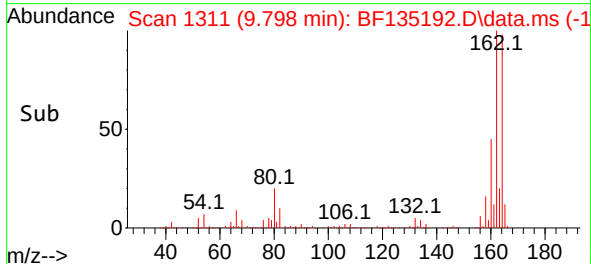


#57
2,4-Dinitrotoluene
Concen: 6.944 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

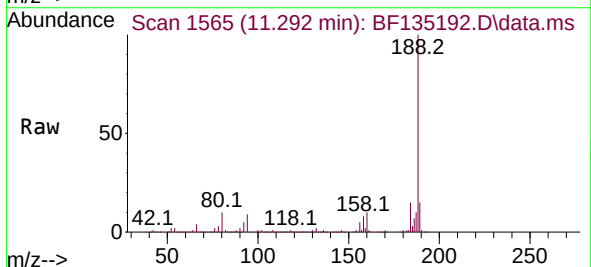
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B



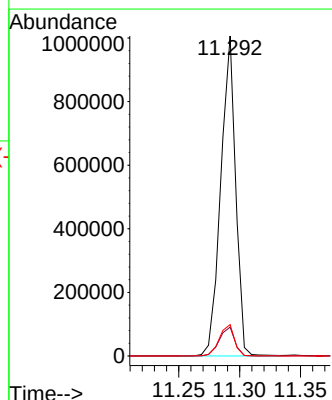
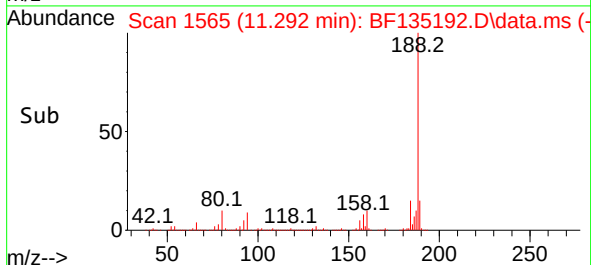
Tgt Ion:165 Resp: 56369
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

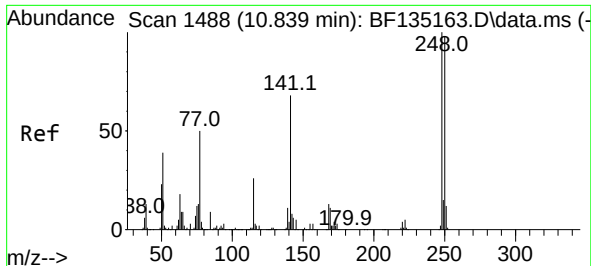


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59



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

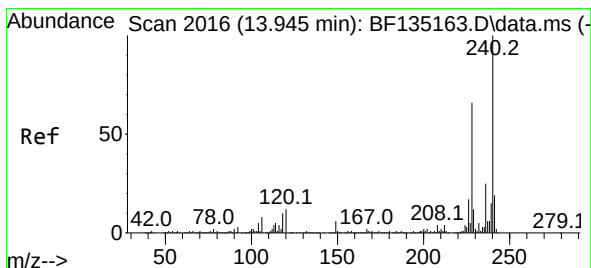
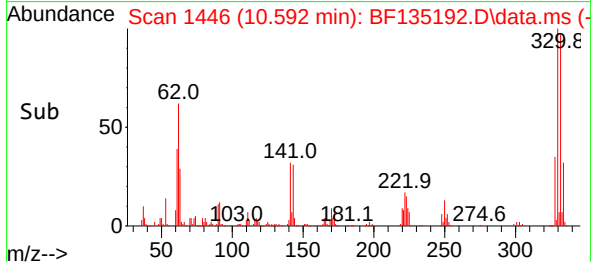
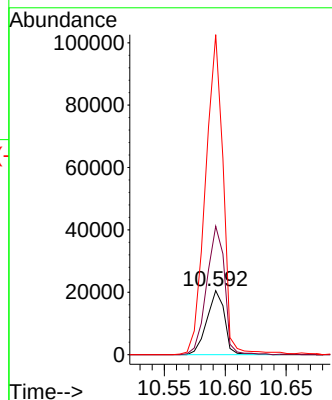
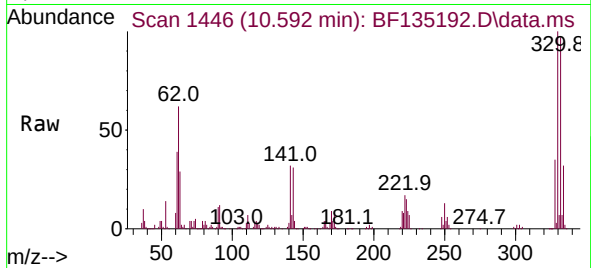




#67
4-Bromophenyl-phenylether
Concen: 2.430 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135192.D
Acq: 12 Sep 2023 20:59

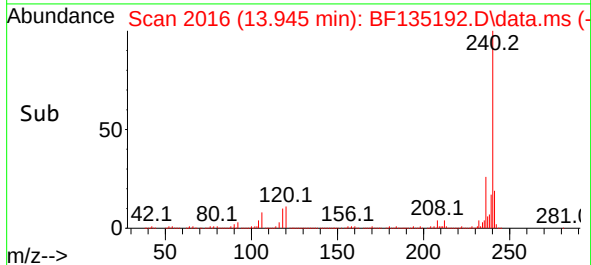
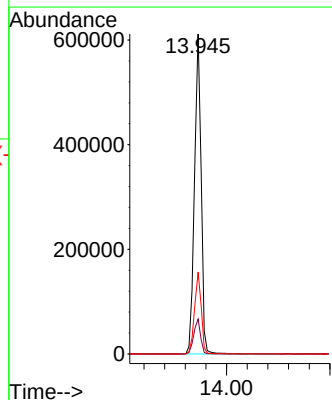
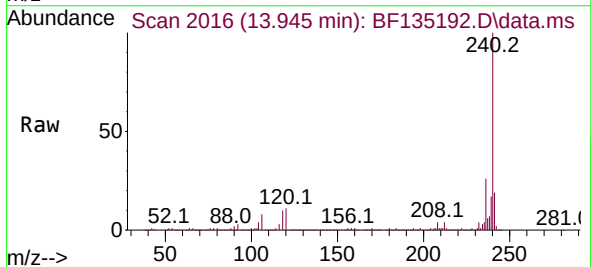
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-B

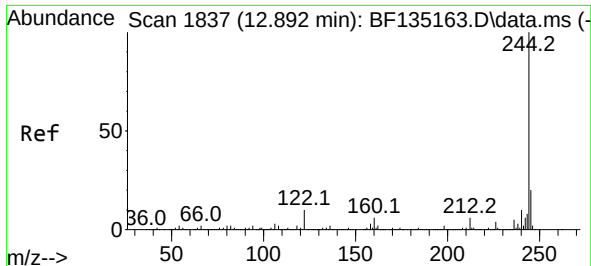
Tgt Ion:248 Resp: 20738
Ion Ratio Lower Upper
248 100
250 200.6 78.6 117.8#
141 499.8 54.2 81.2#



#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

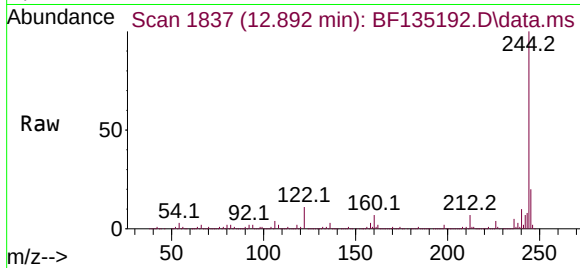
Tgt Ion:240 Resp: 547564
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.6 19.8 29.8



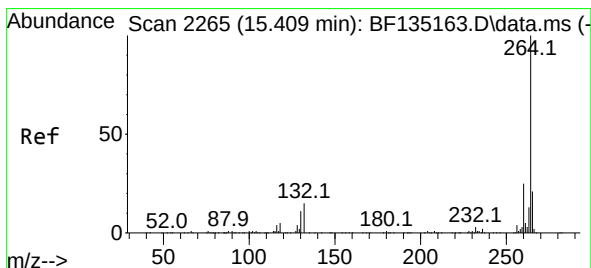
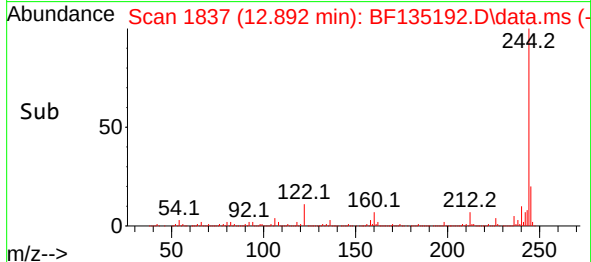
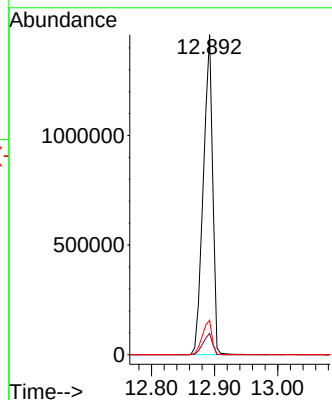


#79
 Terphenyl-d14
 Concen: 42.328 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135192.D
 Acq: 12 Sep 2023 20:59

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

