

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135625.D
 Acq On : 06 Oct 2023 13:03
 Operator : CG\JU
 Sample : 04712-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 06 13:59:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

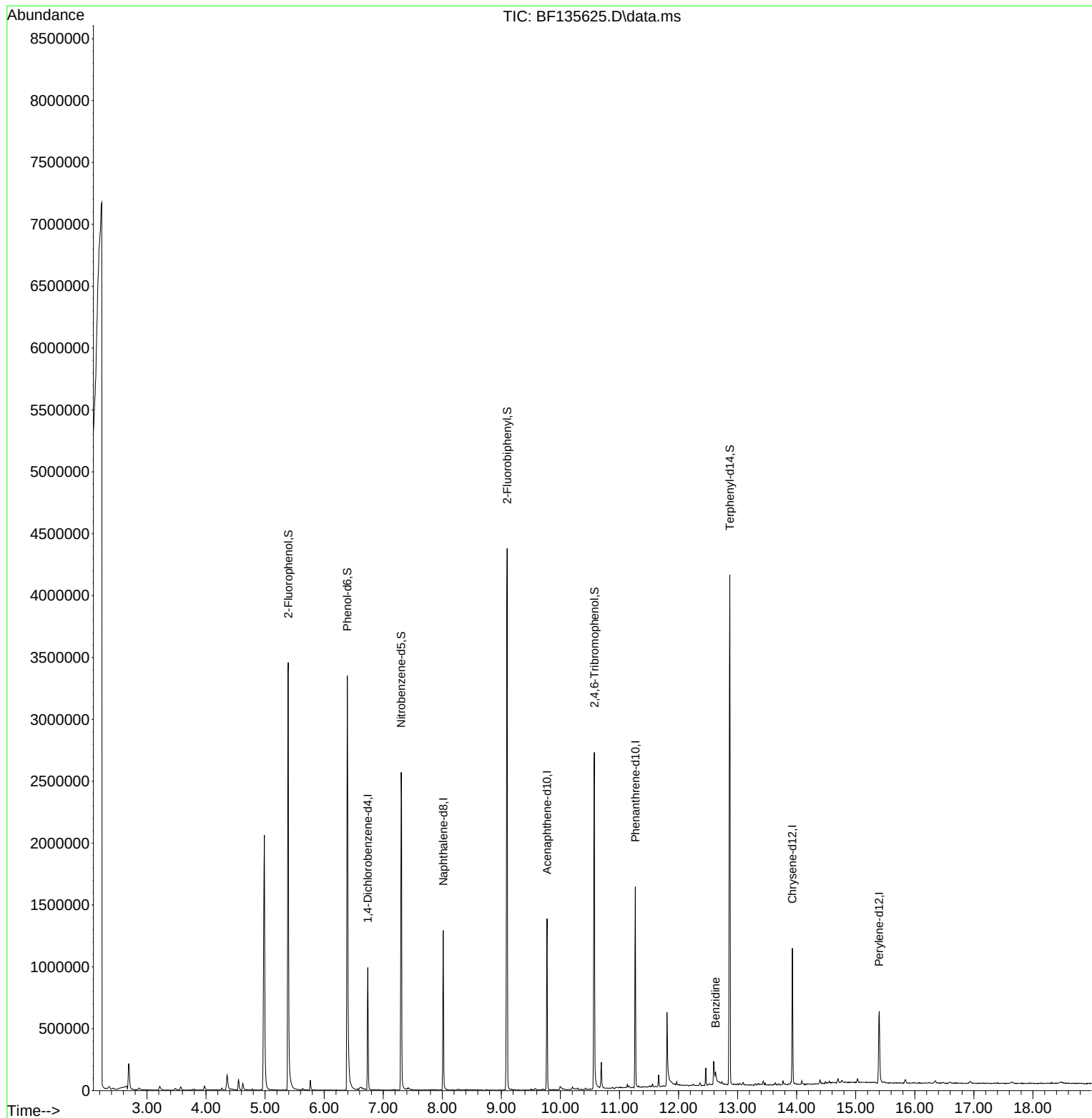
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	139332	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	556663	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	285000	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	546065	20.000	ng	0.00
76) Chrysene-d12	13.928	240	350713	20.000	ng	0.00
86) Perylene-d12	15.398	264	291784	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1071727	125.105	ng	0.02
7) Phenol-d6	6.393	99	1295276	118.909	ng	0.00
23) Nitrobenzene-d5	7.304	82	908485	88.667	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	357482	126.220	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1531887	81.094	ng	0.00
79) Terphenyl-d14	12.869	244	1644974	72.710	ng	0.00
Target Compounds						
77) Benzidine	12.628	184	32654	4.545	ng	Qvalue # 95

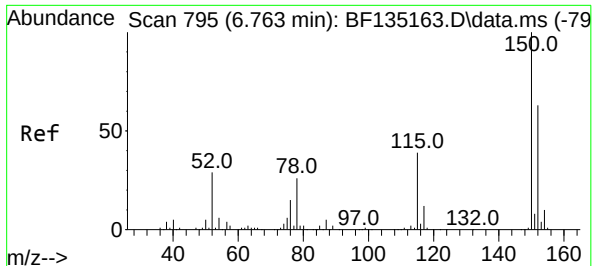
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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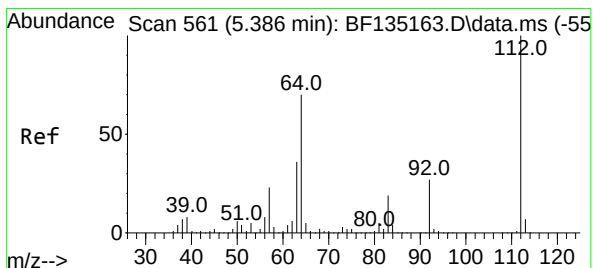
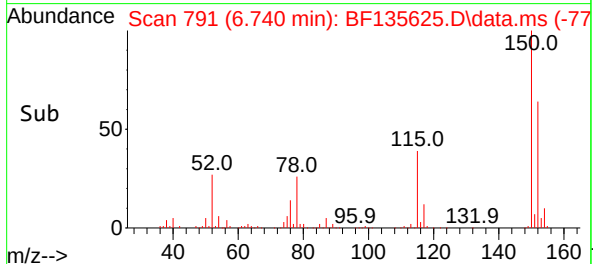
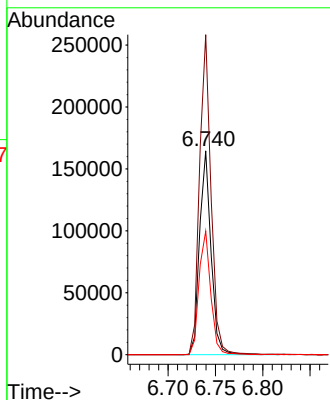
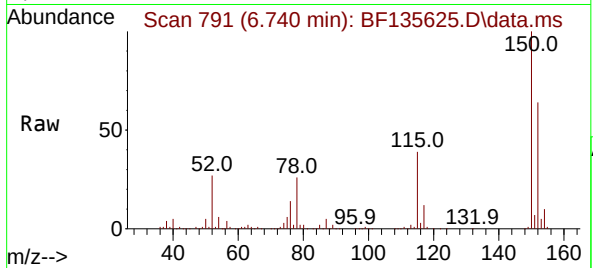




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

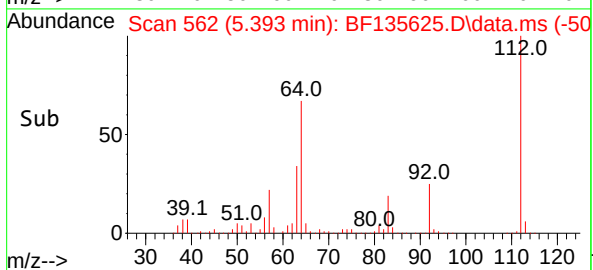
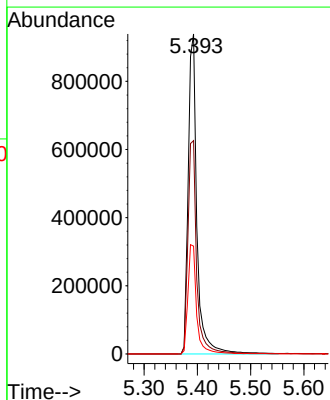
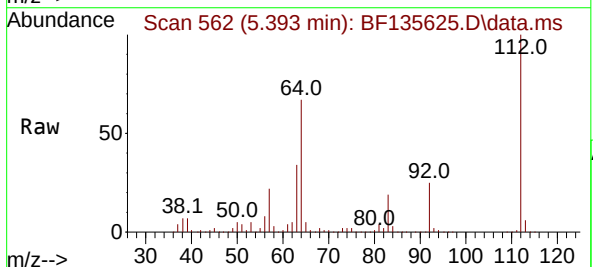
Instrument :
BNA_F
ClientSampleId :
WC-2

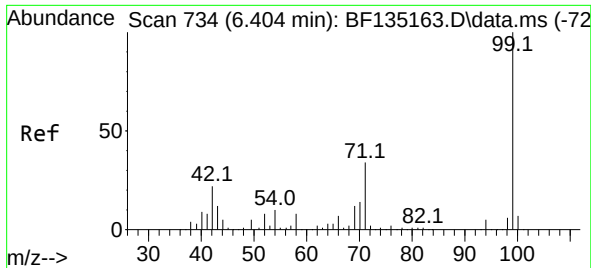
Tgt Ion:152 Resp: 139332
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 60.6 49.8 74.8



#5
2-Fluorophenol
Concen: 125.105 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:112 Resp: 1071727
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 33.7 29.0 43.6





#7

Phenol-d6

Concen: 118.909 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

Instrument :

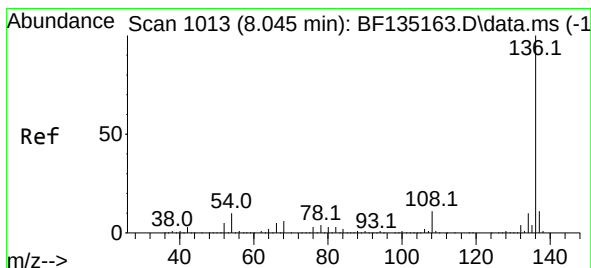
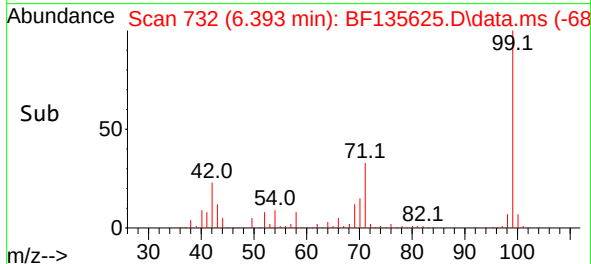
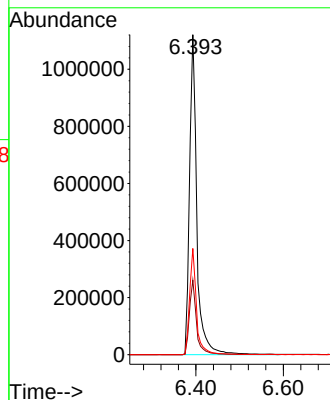
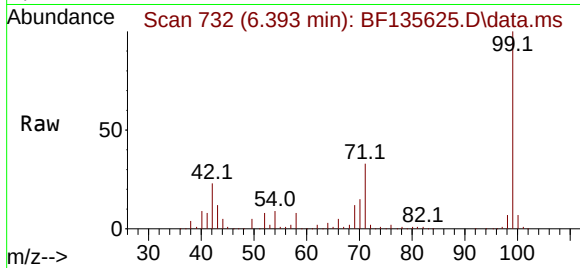
BNA_F

ClientSampleId :

WC-2

Tgt Ion: 99 Resp: 1295276

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	33.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

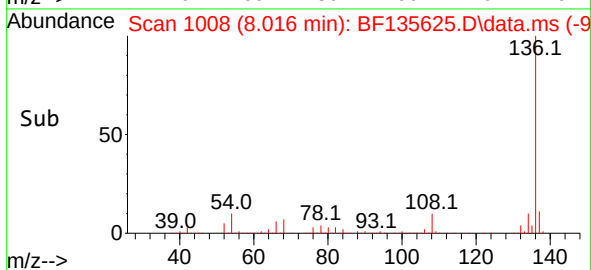
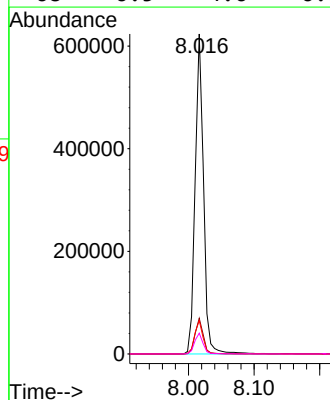
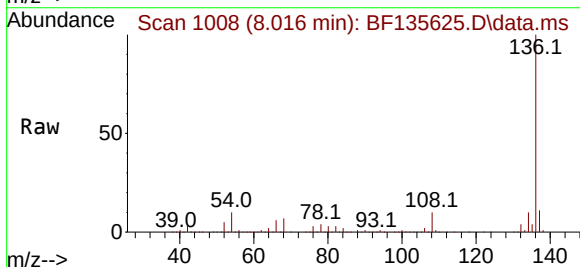
Delta R.T. 0.000 min

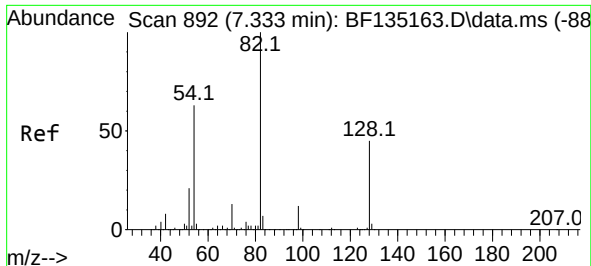
Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

Tgt Ion: 136 Resp: 556663

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.4	7.7	11.5
68	6.5	4.6	6.8

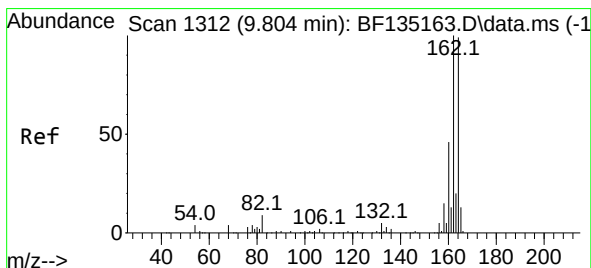
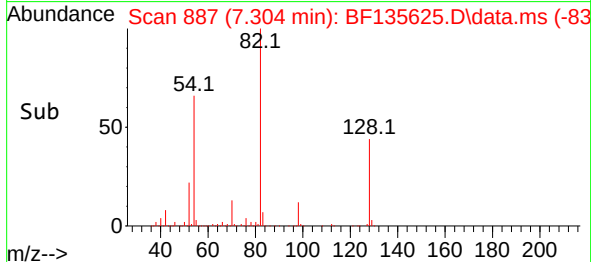
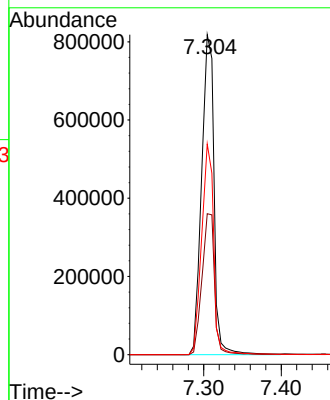
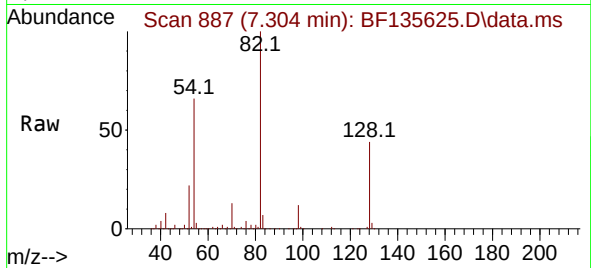




#23
Nitrobenzene-d5
Concen: 88.667 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

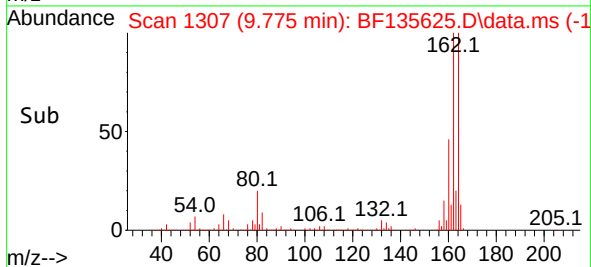
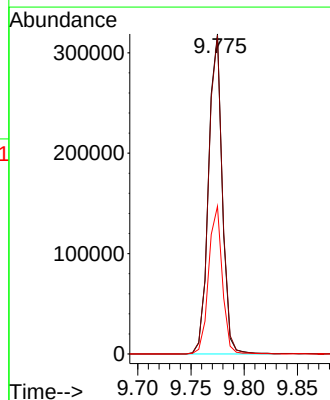
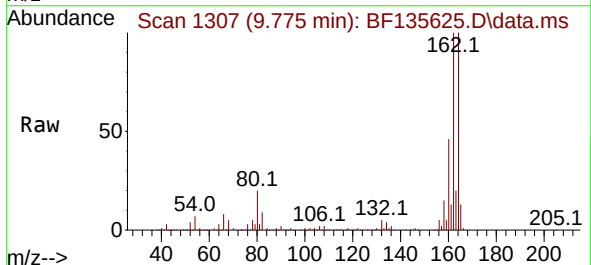
Instrument :
BNA_F
ClientSampleId :
WC-2

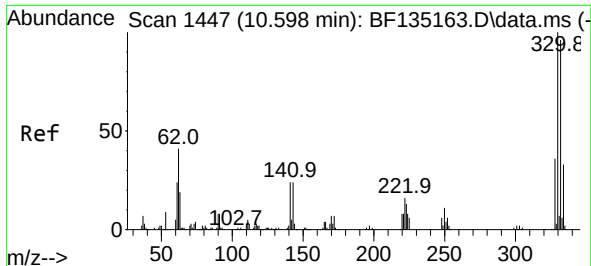
Tgt Ion: 82 Resp: 908485
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 65.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion: 164 Resp: 285000
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 126.220 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

Instrument :

BNA_F

ClientSampleId :

WC-2

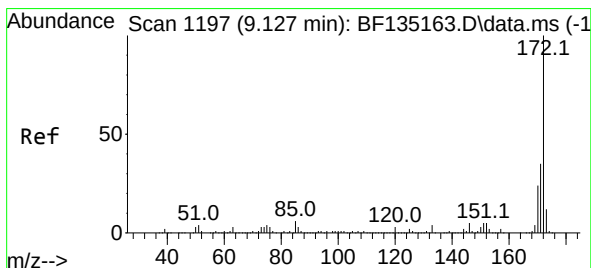
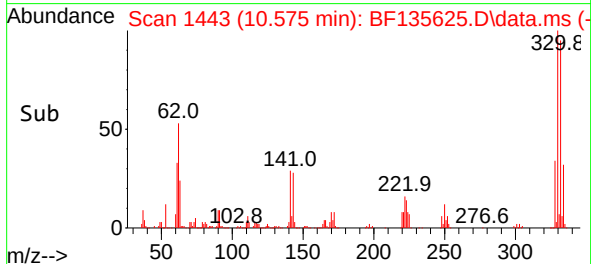
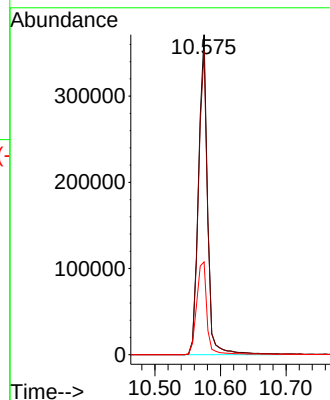
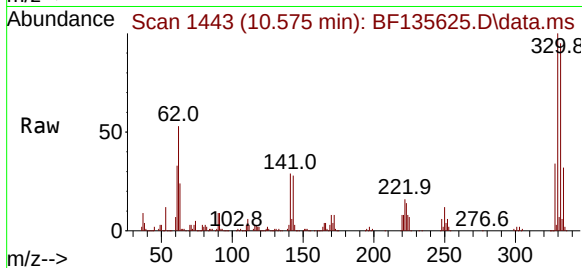
Tgt Ion:330 Resp: 357482

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 33.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 81.094 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

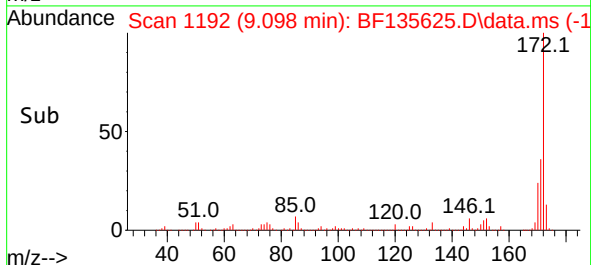
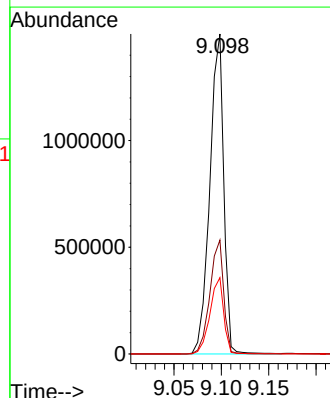
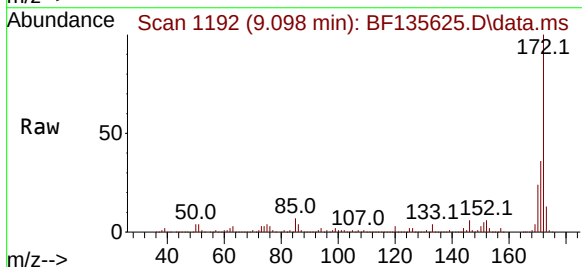
Tgt Ion:172 Resp: 1531887

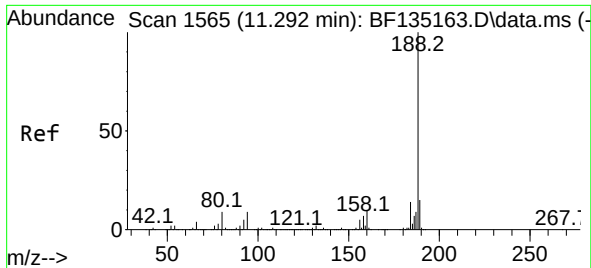
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.0 28.4

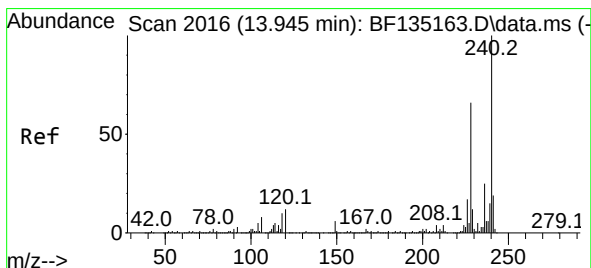
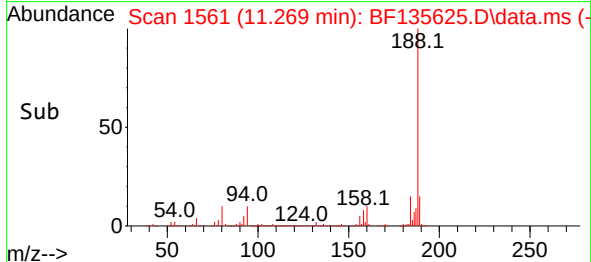
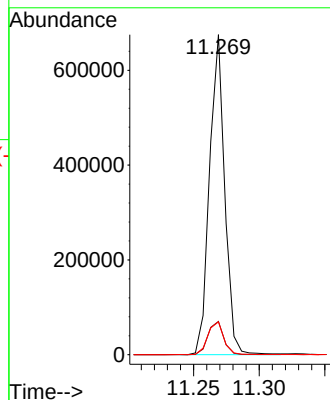
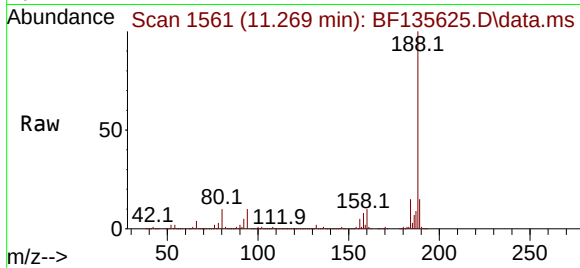




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

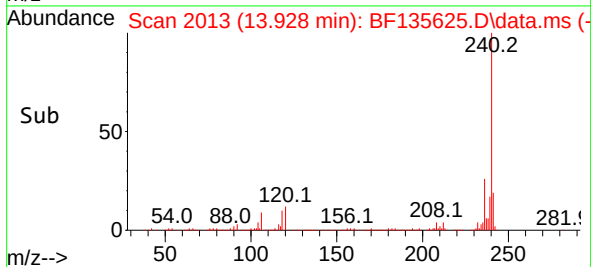
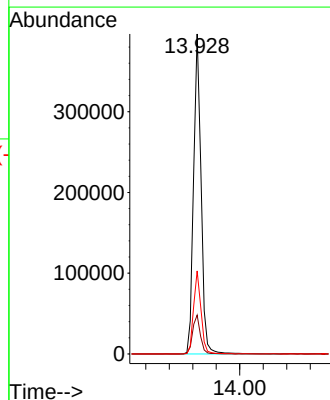
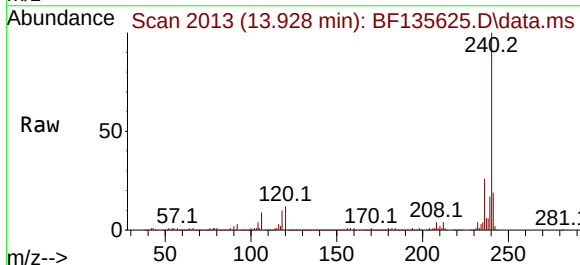
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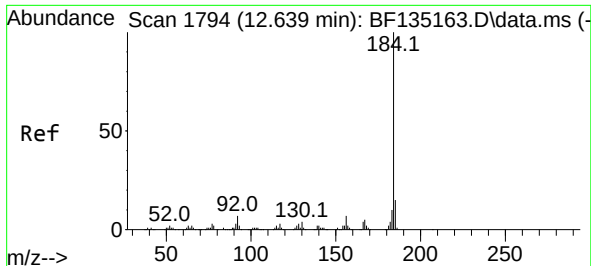
Tgt Ion:188 Resp: 546065
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.928 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:240 Resp: 350713
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.9 19.8 29.8

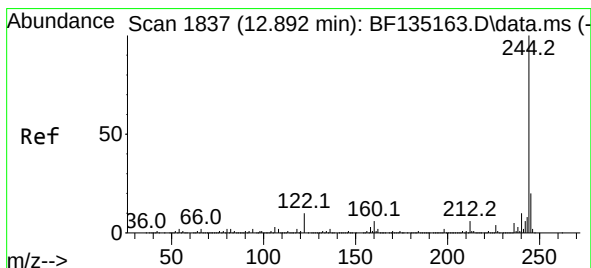
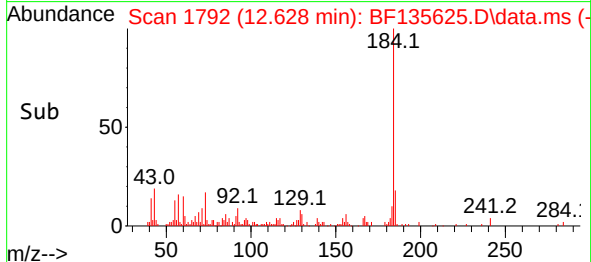
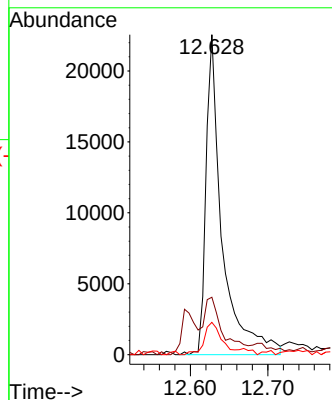
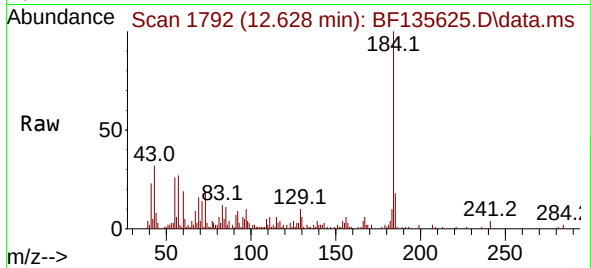




#77
Benzidine
Concen: 4.545 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

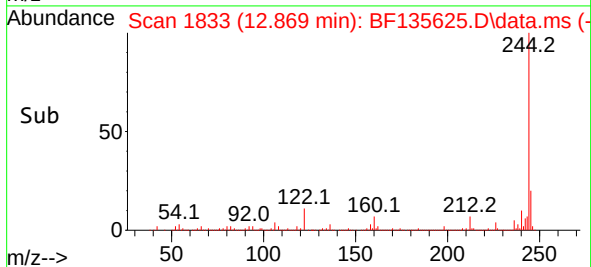
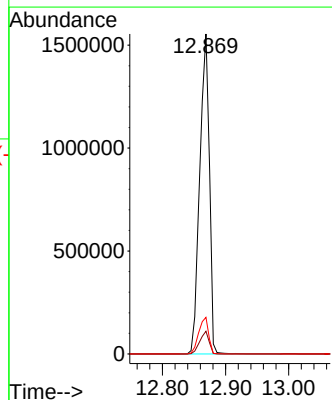
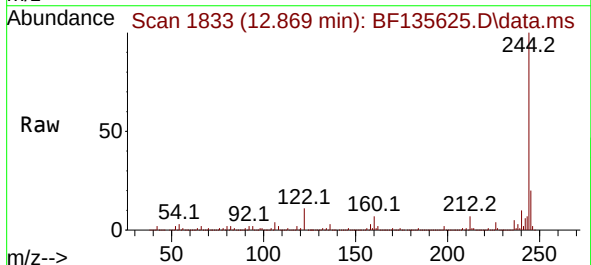
Instrument :
BNA_F
ClientSampleId :
WC-2

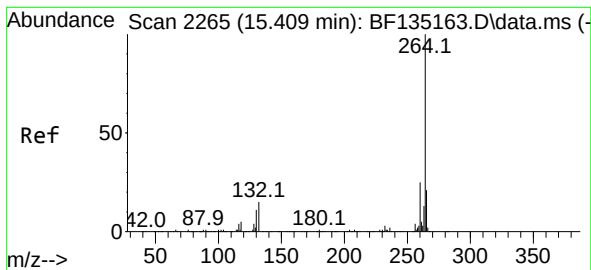
Tgt Ion:184 Resp: 32654
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5#
183 10.1 8.2 12.4



#79
Terphenyl-d14
Concen: 72.710 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:244 Resp: 1644974
Ion Ratio Lower Upper
244 100
212 7.1 5.1 7.7
122 11.5 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF135625.D
 Acq: 06 Oct 2023 13:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:264 Resp: 291784
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.0 17.0 25.4

