

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132825.D
 Acq On : 17 Mar 2023 16:04
 Operator : CG\JU
 Sample : PB151494BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151494BL

Quant Time: Mar 17 23:25:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

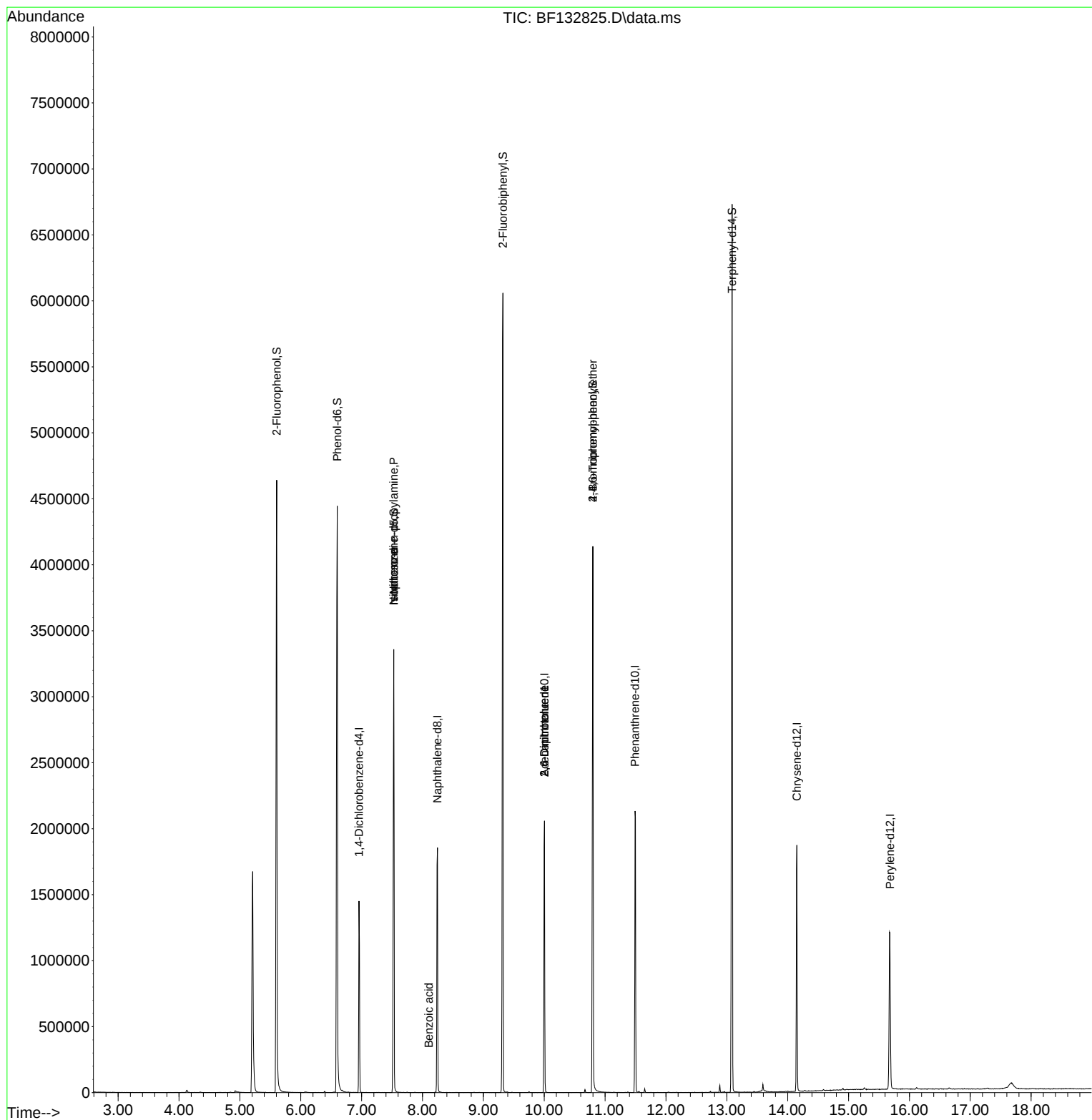
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	218593	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	853207	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	436758	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	877155	20.000	ng	0.00
76) Chrysene-d12	14.151	240	662830	20.000	ng	0.00
86) Perylene-d12	15.680	264	628493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1521667	117.463	ng	0.02
7) Phenol-d6	6.598	99	1901379	113.080	ng	0.00
23) Nitrobenzene-d5	7.528	82	1260247	75.589	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	543935	117.154	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2076540	78.101	ng	0.00
79) Terphenyl-d14	13.086	244	2626182	71.543	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	165385	17.239	ng	# 76
25) Isophorone	7.528	82	1258122	38.387	ng	# 66
32) Benzoic acid	8.104	122	54	10.475	ng	# 1
51) 2,6-Dinitrotoluene	10.004	165	55698	8.044	ng	# 28
57) 2,4-Dinitrotoluene	10.004	165	55698	6.297	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	35684	3.519	ng	# 1

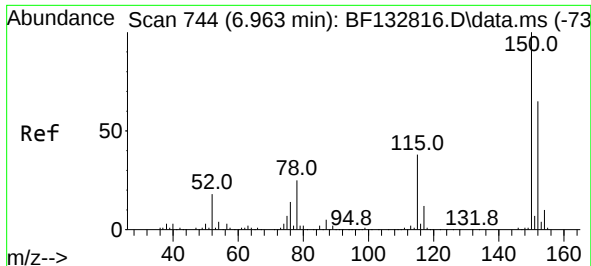
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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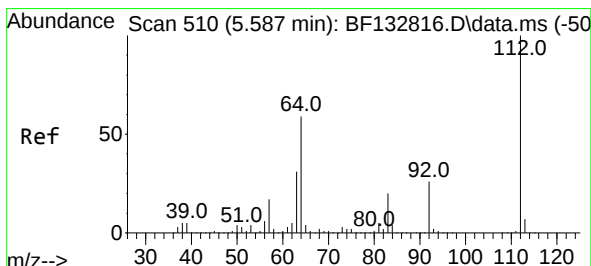
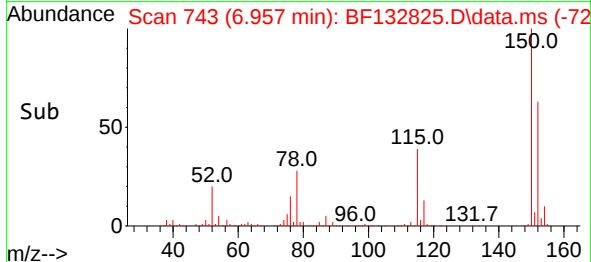
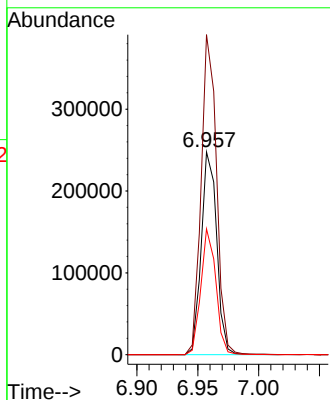
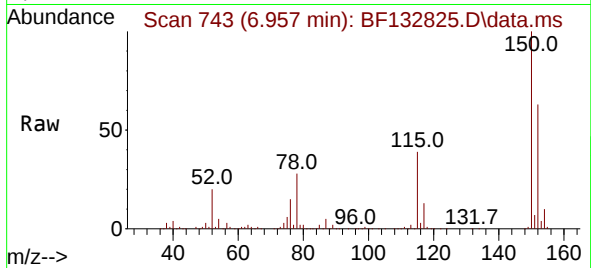




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

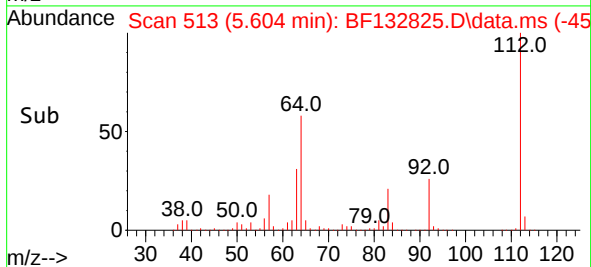
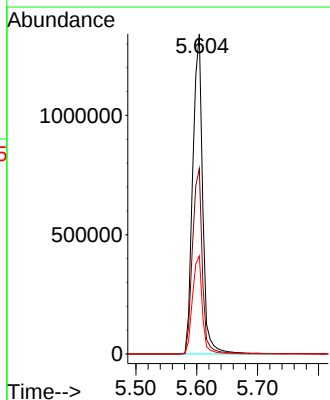
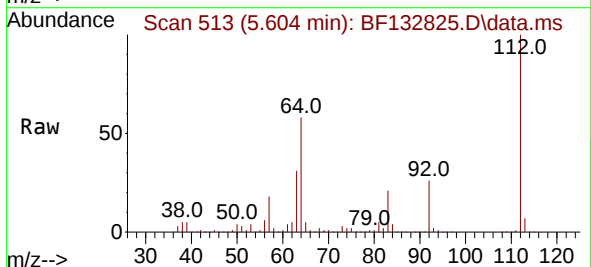
Instrument :
BNA_F
ClientSampleId :
PB151494BL

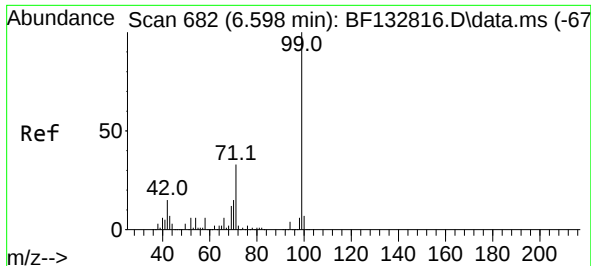
Tgt Ion:152 Resp: 218593
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 62.0 46.2 69.4



#5
2-Fluorophenol
Concen: 117.463 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.018 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion:112 Resp: 1521667
Ion Ratio Lower Upper
112 100
64 57.9 47.1 70.7
63 30.6 24.4 36.6



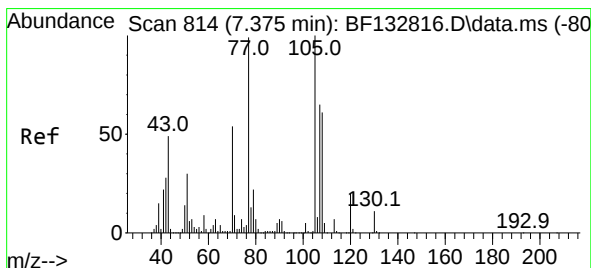
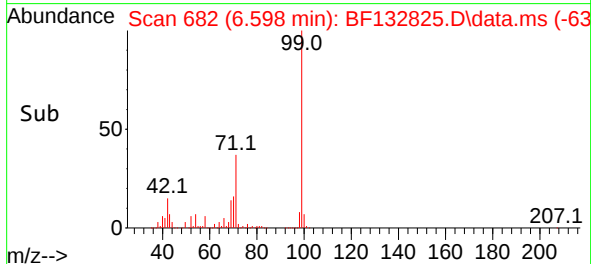
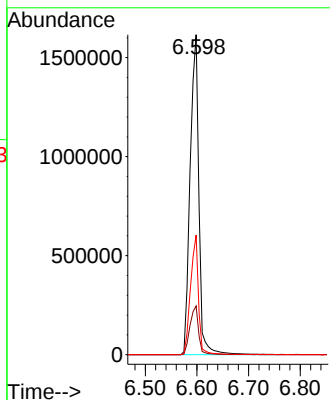
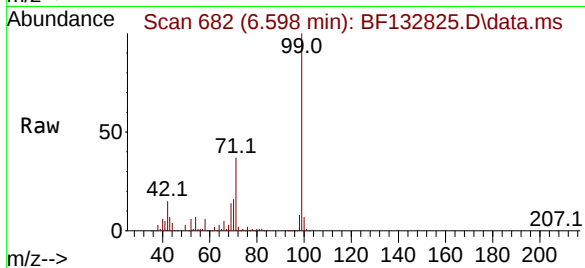


#7
Phenol-d6
Concen: 113.080 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Instrument :
BNA_F
ClientSampleId :
PB151494BL

Tgt Ion: 99 Resp: 1901379

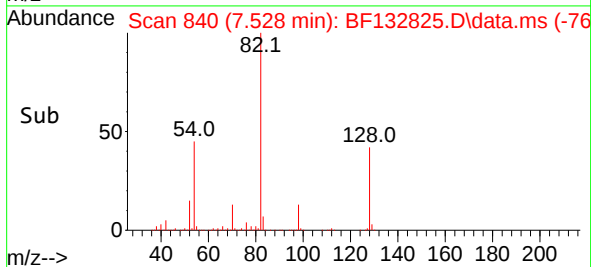
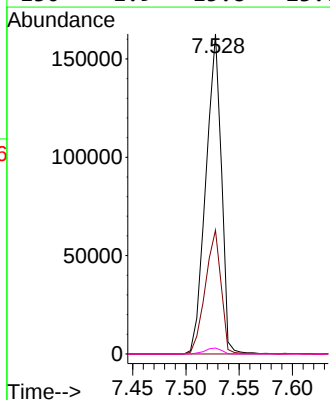
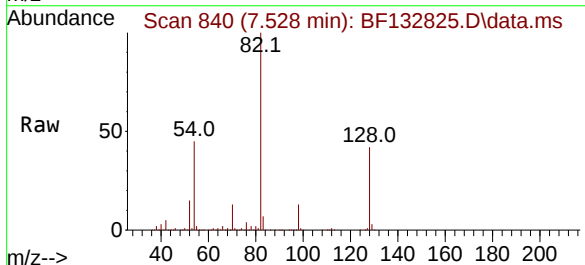
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.9	17.9
71	37.4	26.3	39.5

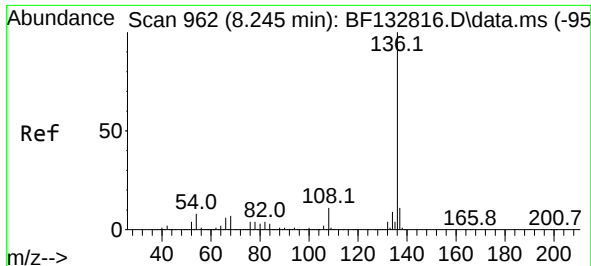


#19
n-Nitroso-di-n-propylamine
Concen: 17.239 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion: 70 Resp: 165385

Ion	Ratio	Lower	Upper
70	100		
42	38.7	40.9	61.3#
101	0.0	7.8	11.6#
130	1.9	15.8	23.6#

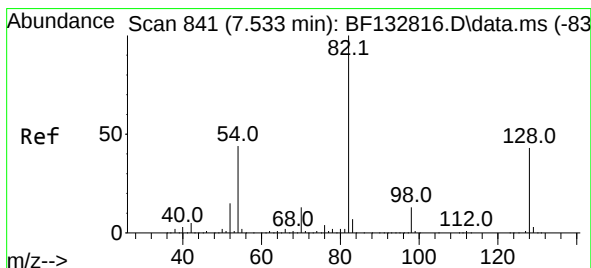
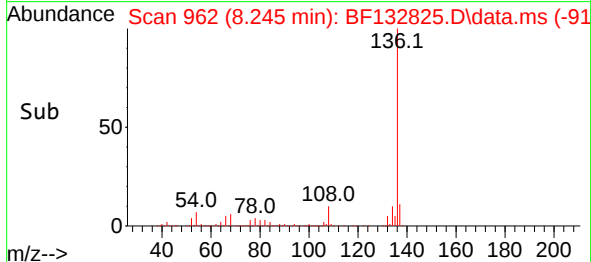
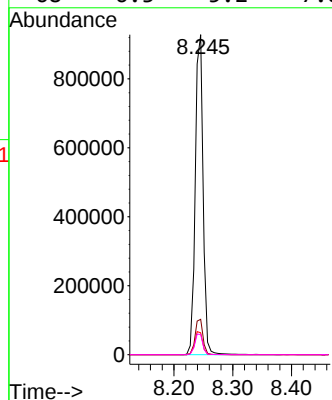
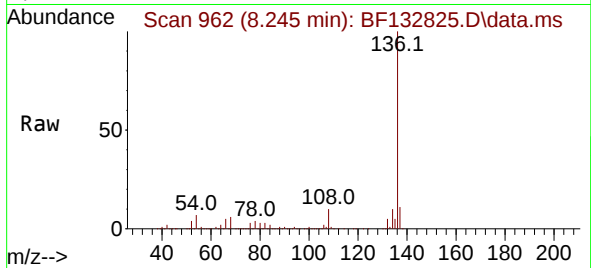




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

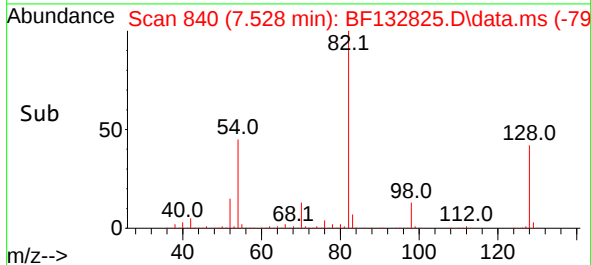
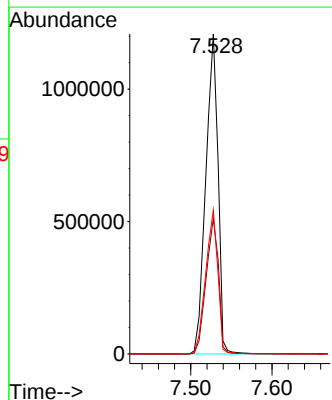
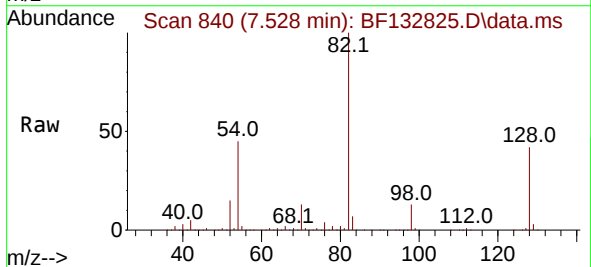
Instrument :
BNA_F
ClientSampleId :
PB151494BL

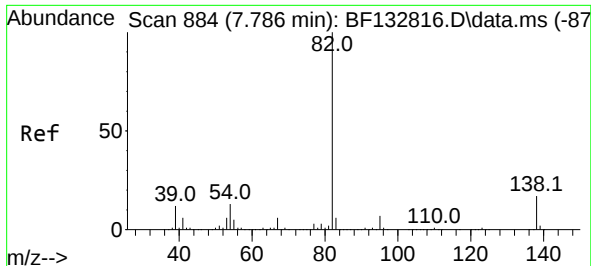
Tgt Ion:136 Resp: 853207
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.9 6.1 9.1
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 75.589 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion: 82 Resp: 1260247
Ion Ratio Lower Upper
82 100
128 42.3 34.4 51.6
54 44.9 35.2 52.8

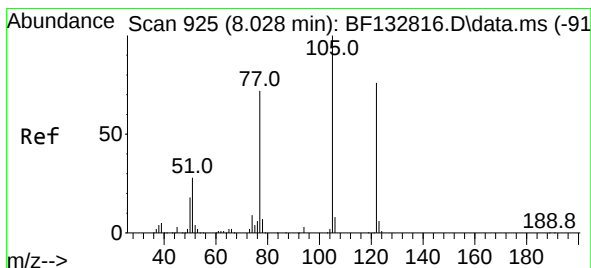
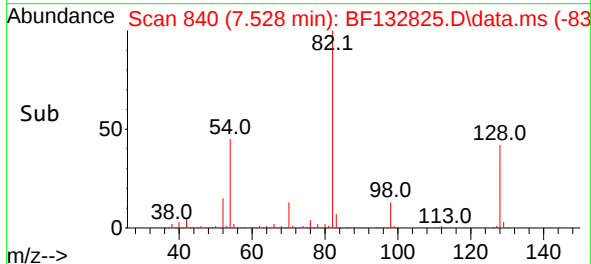
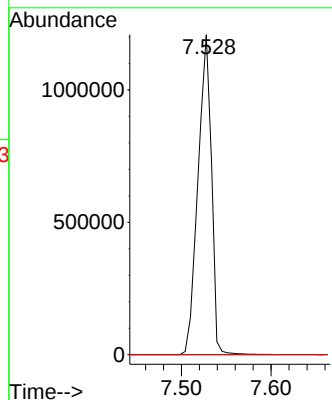
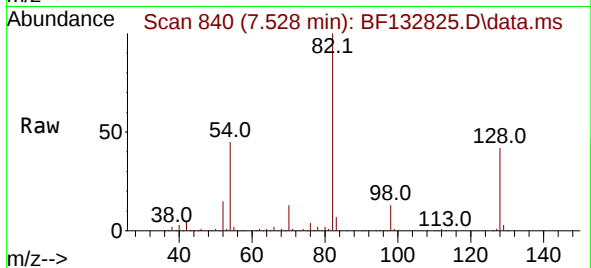




#25
Isophorone
Concen: 38.387 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

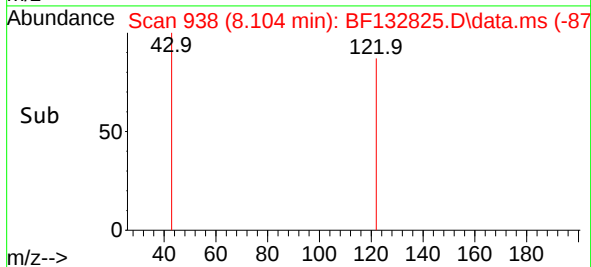
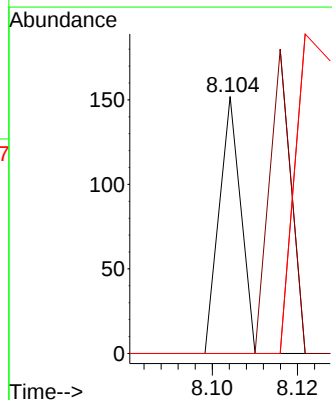
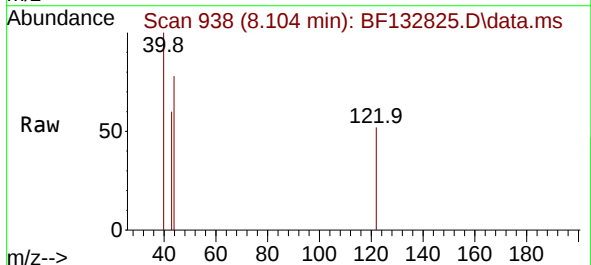
Instrument :
BNA_F
ClientSampleId :
PB151494BL

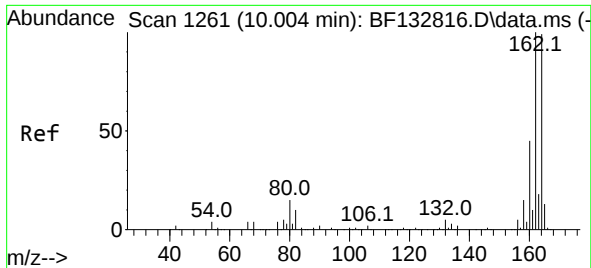
Tgt Ion: 82 Resp: 1258122
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.475 ng
RT: 8.104 min Scan# 938
Delta R.T. 0.076 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

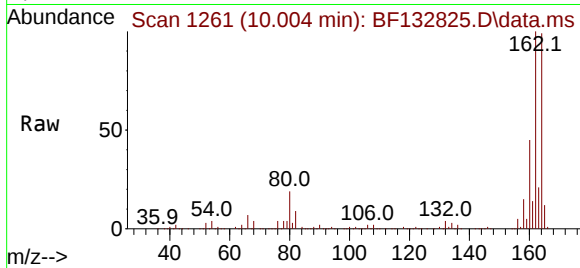
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 110.8 150.8#
77 0.0 74.2 114.2#



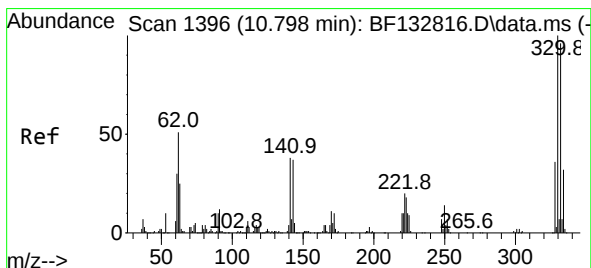
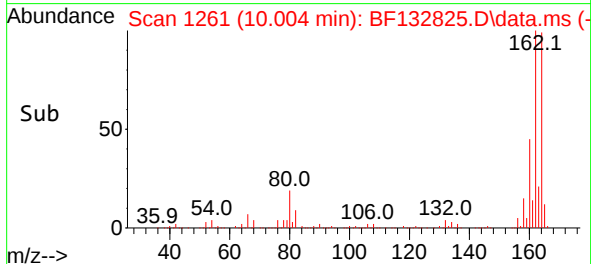
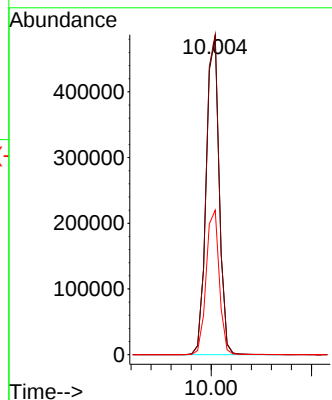


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Instrument :
BNA_F
ClientSampleId :
PB151494BL

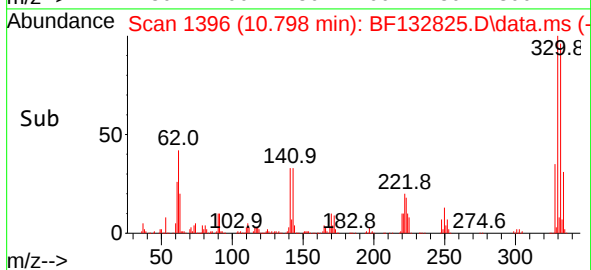
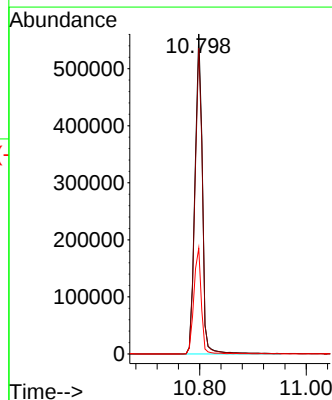
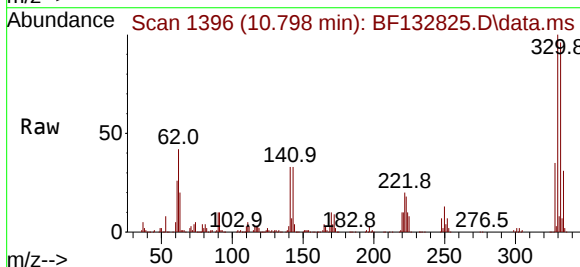


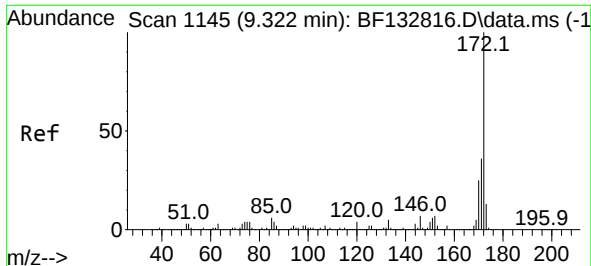
Tgt Ion:164 Resp: 436758
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 117.154 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion:330 Resp: 543935
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 33.3 26.7 40.1

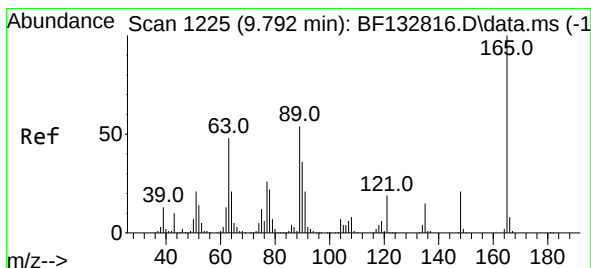
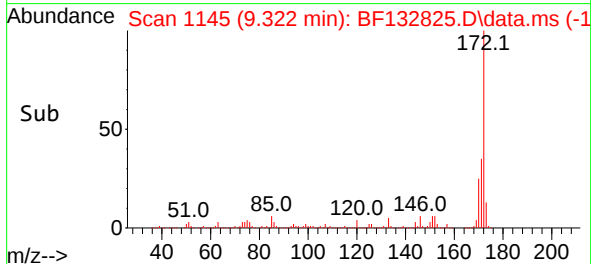
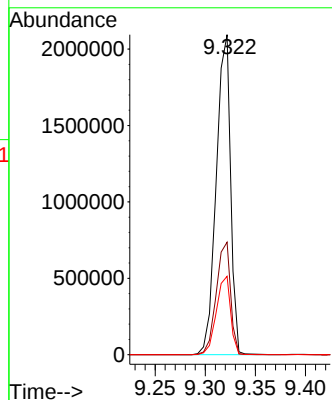
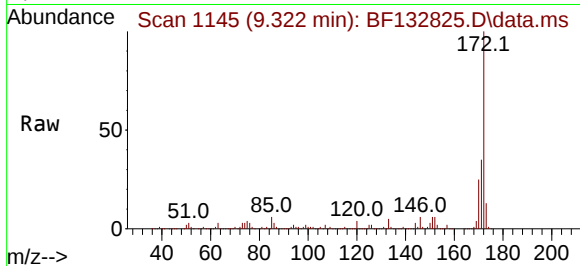




#45
2-Fluorobiphenyl
Concen: 78.101 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

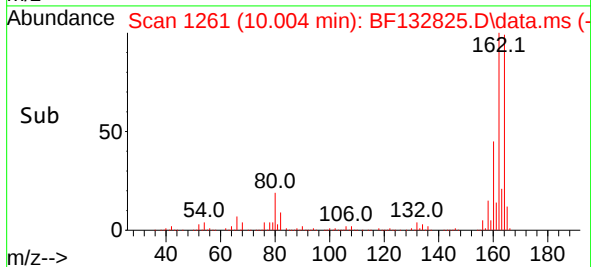
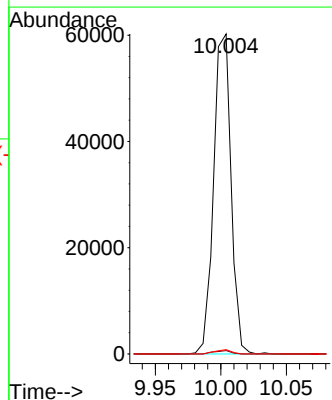
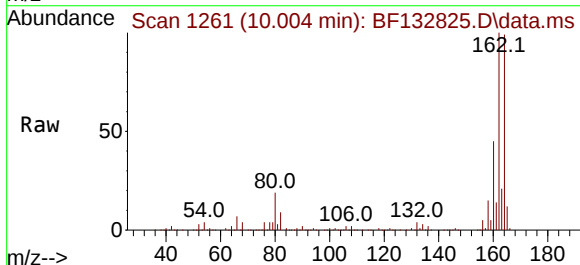
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ClientSampleId :
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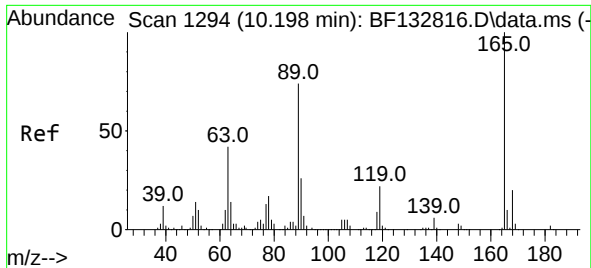
Tgt Ion:172 Resp: 2076540
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 24.5 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 10.004 min Scan# 1261
Delta R.T. 0.212 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion:165 Resp: 55698
Ion Ratio Lower Upper
165 100
63 1.1 39.1 58.7#
89 1.3 43.5 65.3#

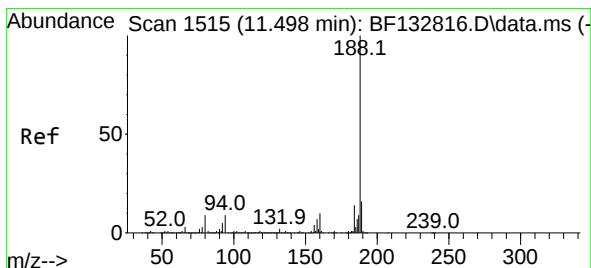
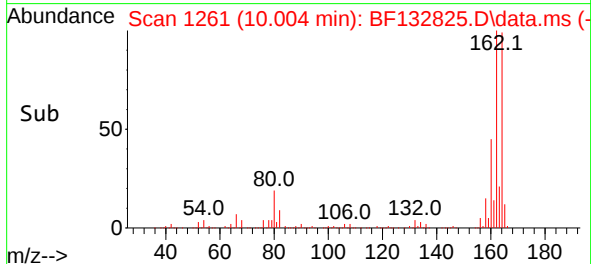
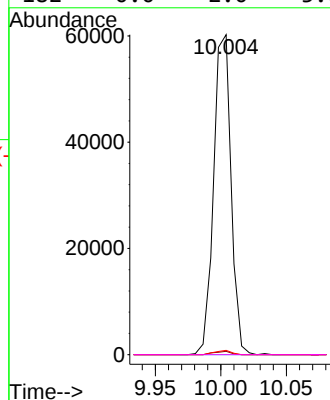
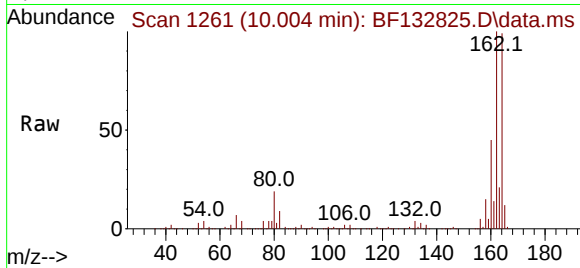




#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

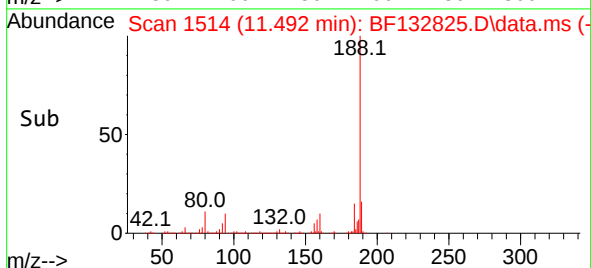
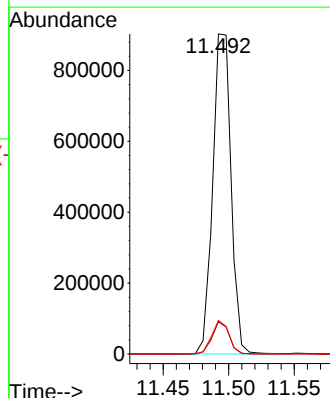
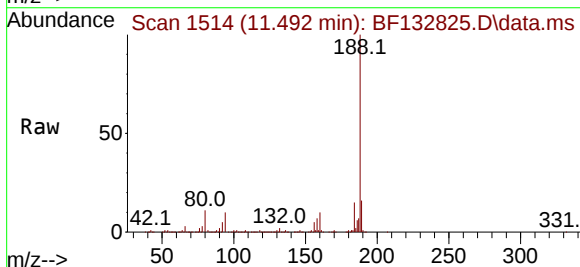
Instrument :
BNA_F
ClientSampleId :
PB151494BL

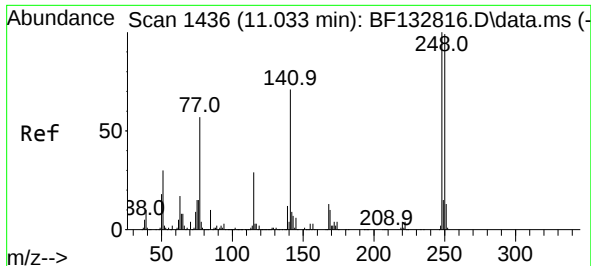
Tgt Ion:165 Resp: 55698
Ion Ratio Lower Upper
165 100
63 1.1 34.4 51.6#
89 1.3 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

Tgt Ion:188 Resp: 877155
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.5 7.5 11.3

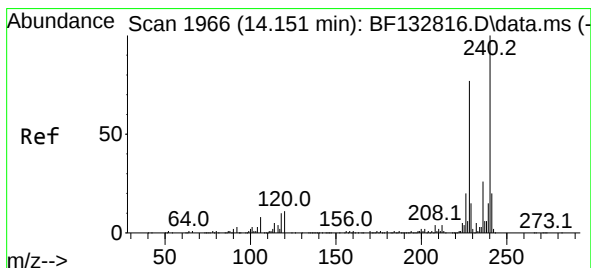
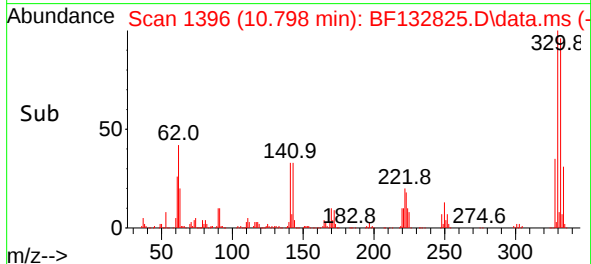
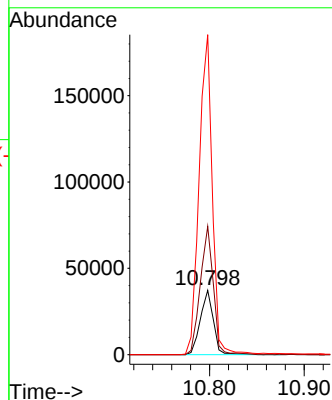
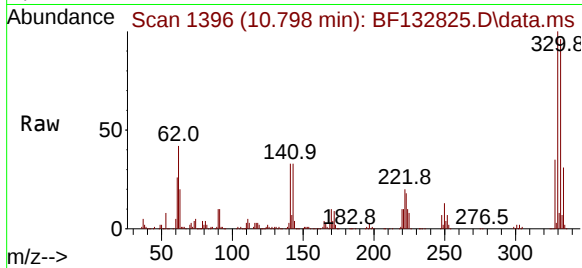




#67
4-Bromophenyl-phenylether
Concen: 3.519 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

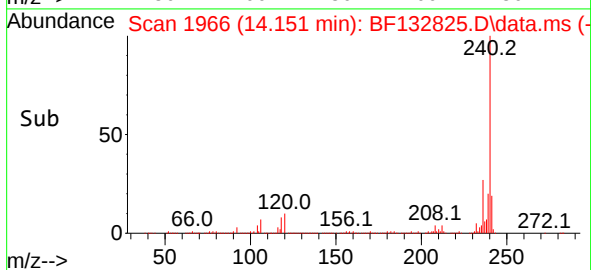
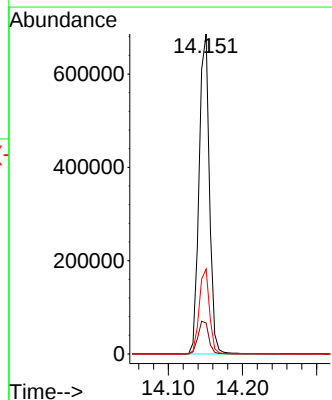
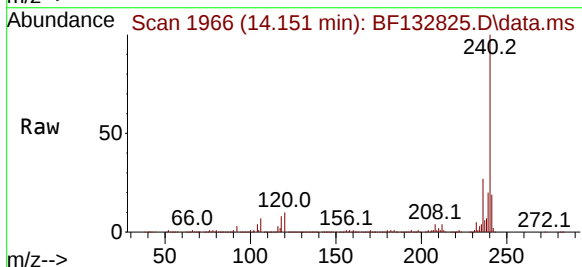
Instrument :
BNA_F
ClientSampleId :
PB151494BL

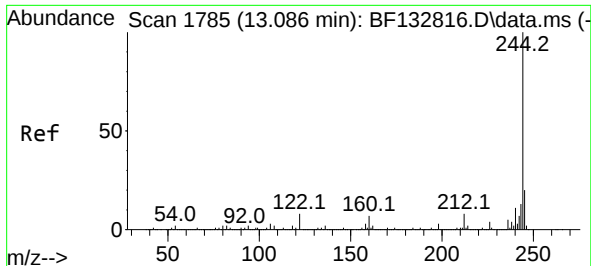
Tgt Ion:248 Resp: 35684
Ion Ratio Lower Upper
248 100
250 199.6 79.1 118.7#
141 497.5 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BF132825.D
Acq: 17 Mar 2023 16:04

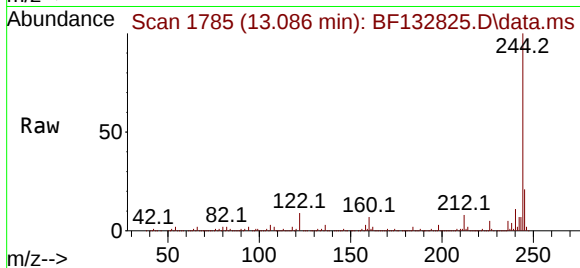
Tgt Ion:240 Resp: 662830
Ion Ratio Lower Upper
240 100
120 9.7 9.1 13.7
236 26.6 21.2 31.8



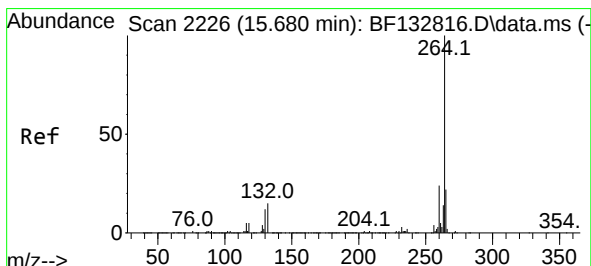
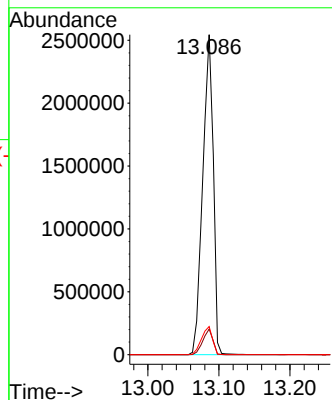
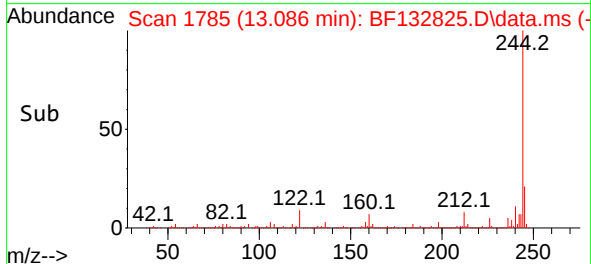


#79
 Terphenyl-d14
 Concen: 71.543 ng
 RT: 13.086 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BF132825.D
 Acq: 17 Mar 2023 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB151494BL



Tgt Ion:244 Resp: 2626182
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.8 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2226
 Delta R.T. 0.000 min
 Lab File: BF132825.D
 Acq: 17 Mar 2023 16:04

Tgt Ion:264 Resp: 628493
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.0 17.4 26.0

