

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132473.D
 Acq On : 20 Feb 2023 11:25
 Operator : CG\JU
 Sample : PB150910BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150910BL

Quant Time: Feb 20 12:18:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	217148	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	835493	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	463457	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	892291	20.000	ng	0.00
76) Chrysene-d12	14.224	240	707833	20.000	ng	# 0.00
86) Perylene-d12	15.789	264	534958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1608293	118.678	ng	0.02
7) Phenol-d6	6.648	99	2110064	119.244	ng	0.00
23) Nitrobenzene-d5	7.589	82	1383424	79.561	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	549811	118.901	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2137650	71.229	ng	0.00
79) Terphenyl-d14	13.166	244	2776321	71.433	ng	0.00

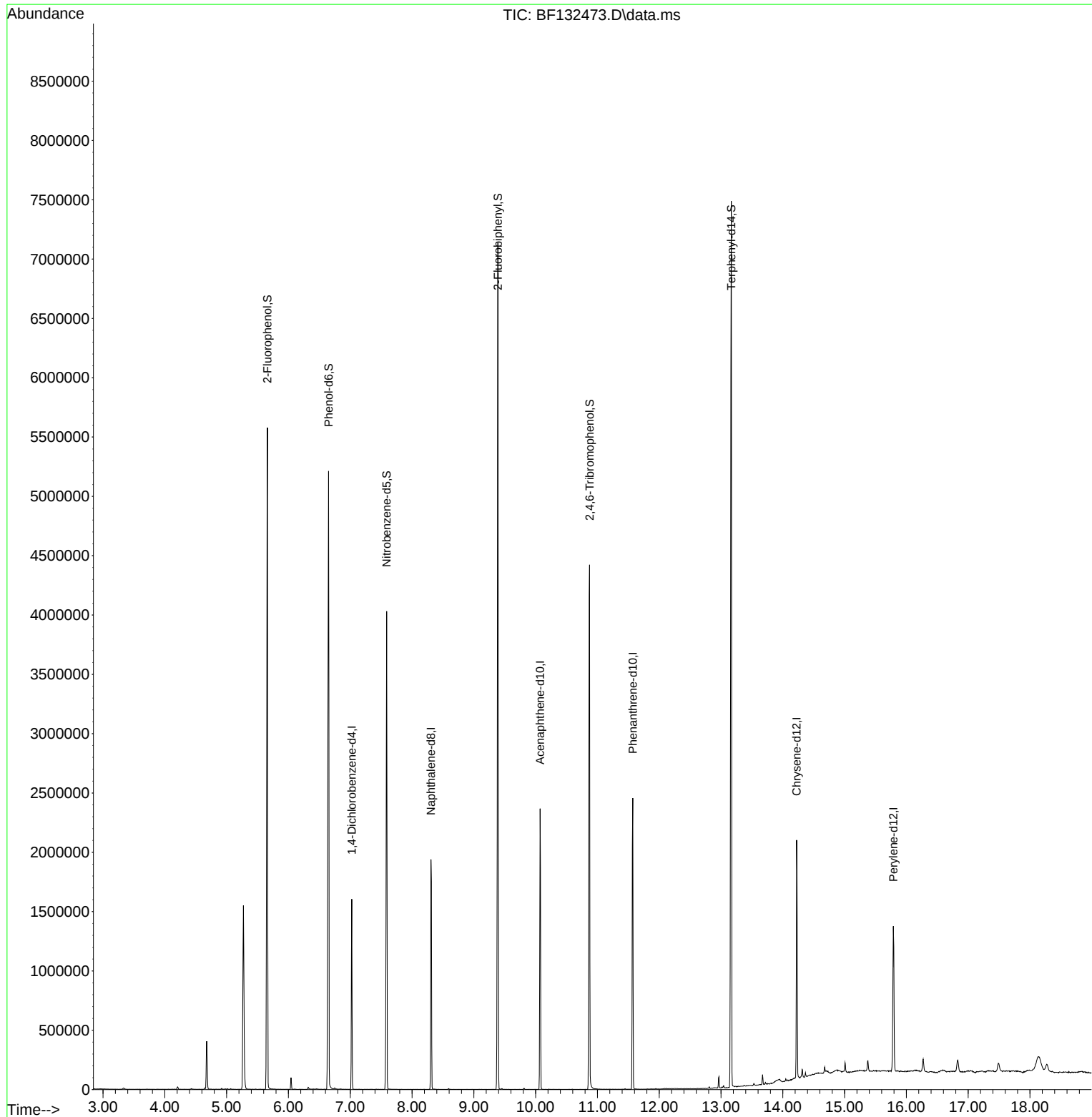
Target Compounds	Qvalue

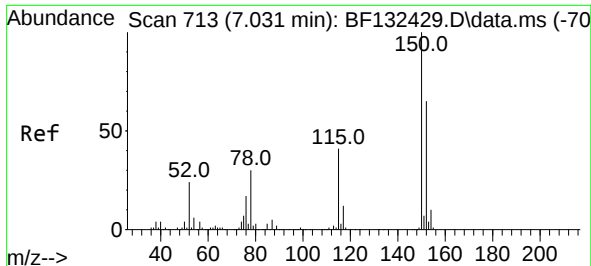
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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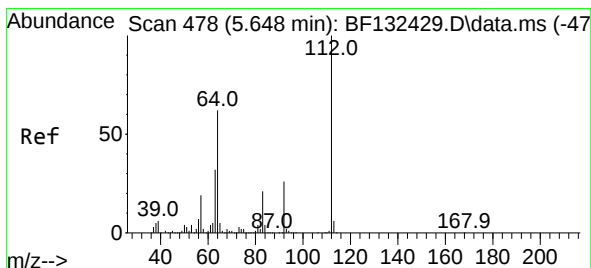
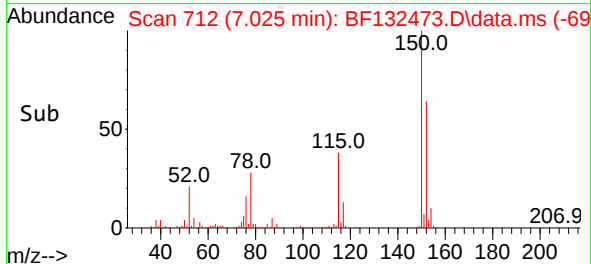
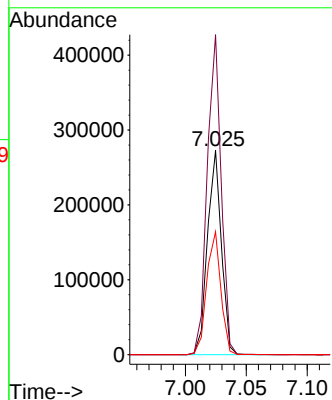
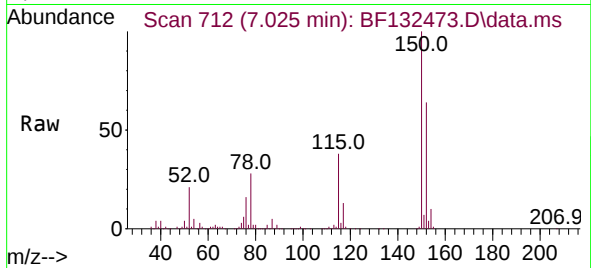




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.025 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: BF132473.D
 Acq: 20 Feb 2023 11:25

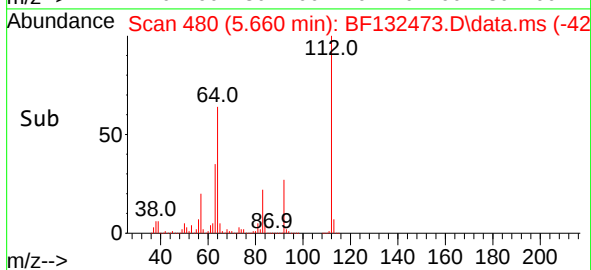
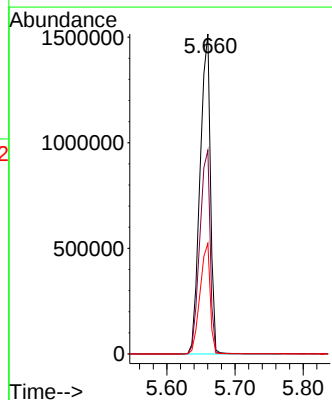
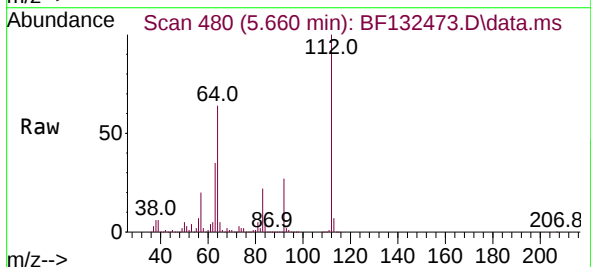
Instrument :
 BNA_F
 ClientSampleId :
 PB150910BL

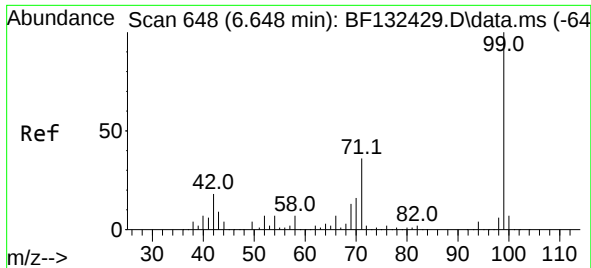
Tgt Ion:152 Resp: 217148
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.8 185.8
 115 60.1 50.4 75.6



#5
 2-Fluorophenol
 Concen: 118.678 ng
 RT: 5.660 min Scan# 480
 Delta R.T. 0.018 min
 Lab File: BF132473.D
 Acq: 20 Feb 2023 11:25

Tgt Ion:112 Resp: 1608293
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.7 74.5
 63 34.5 25.8 38.8

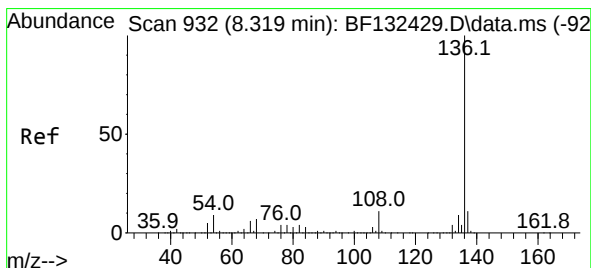
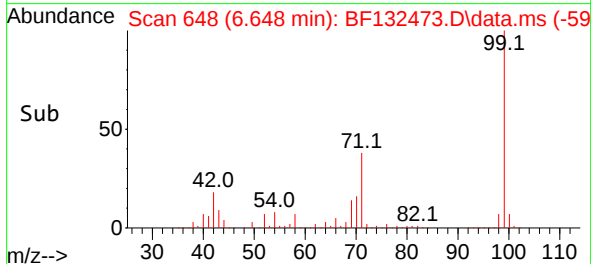
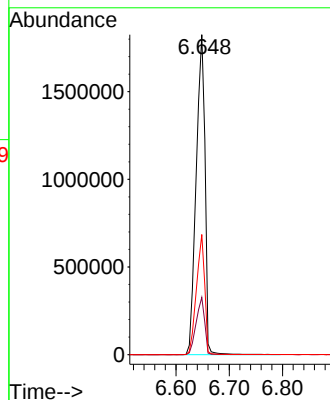
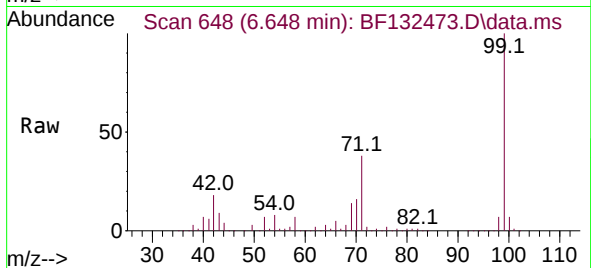




#7
Phenol-d6
Concen: 119.244 ng
RT: 6.648 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

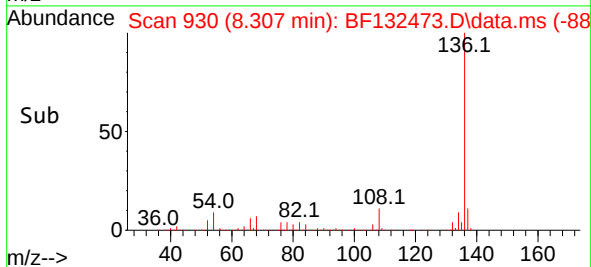
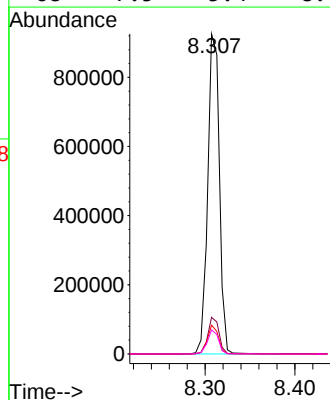
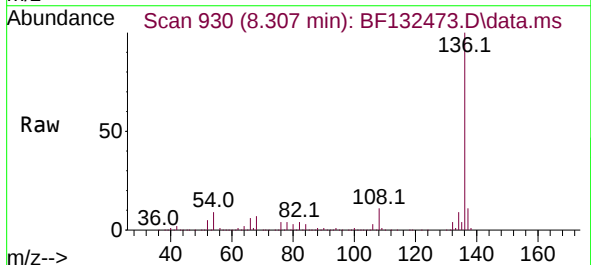
Instrument :
BNA_F
ClientSampleId :
PB150910BL

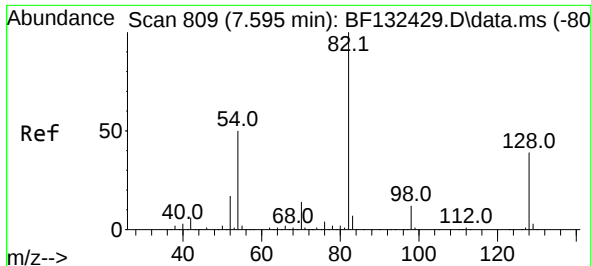
Tgt Ion: 99 Resp: 2110064
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 37.5 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion: 136 Resp: 835493
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.0 6.9 10.3
68 7.5 5.4 8.0

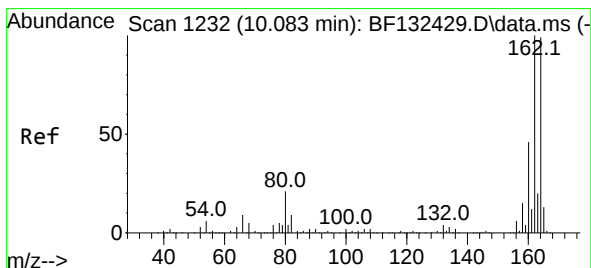
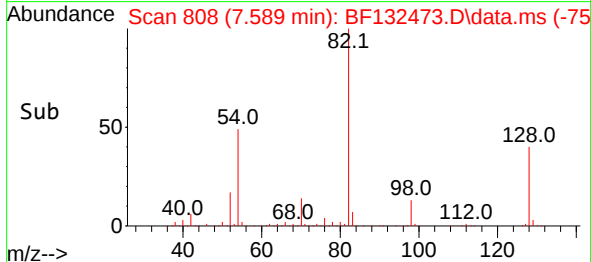
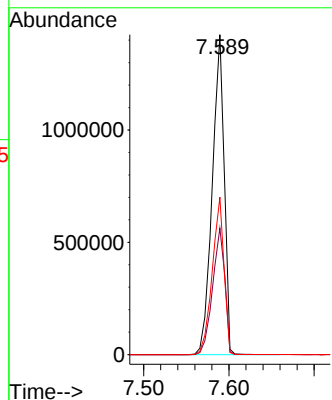
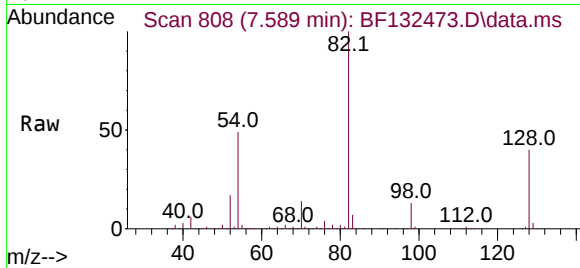




#23
Nitrobenzene-d5
Concen: 79.561 ng
RT: 7.589 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

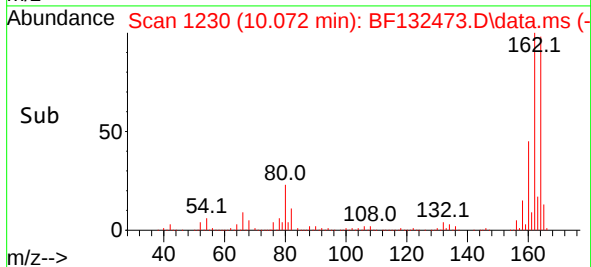
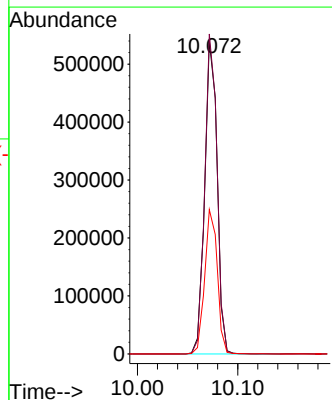
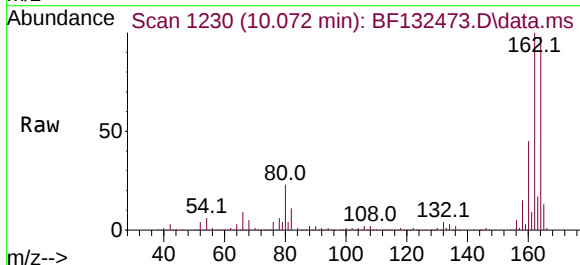
Instrument :
BNA_F
ClientSampleId :
PB150910BL

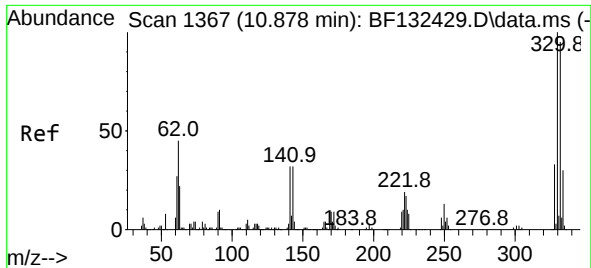
Tgt Ion: 82 Resp: 1383424
Ion Ratio Lower Upper
82 100
128 39.5 30.8 46.2
54 49.2 40.2 60.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:164 Resp: 463457
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 46.1 37.2 55.8

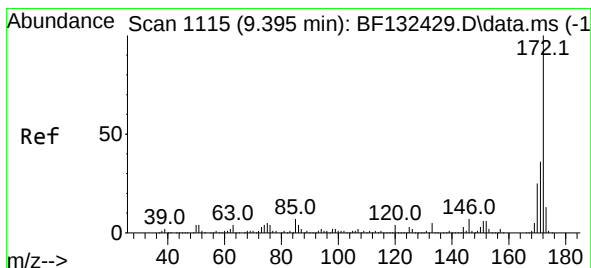
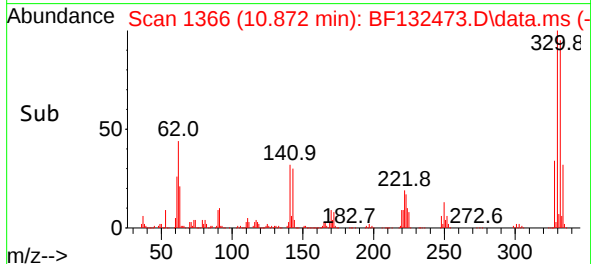
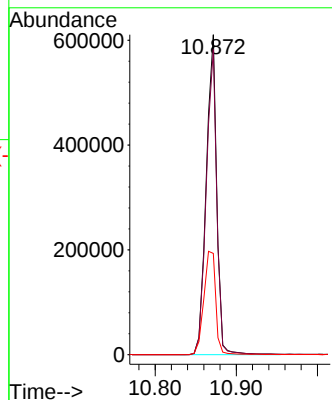
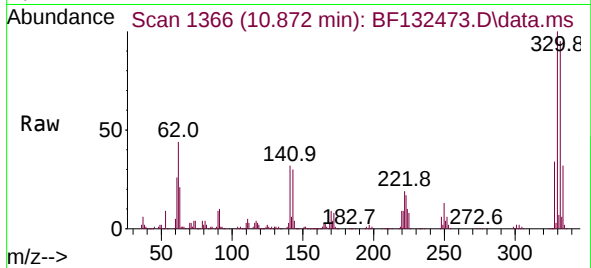




#42
2,4,6-Tribromophenol
Concen: 118.901 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

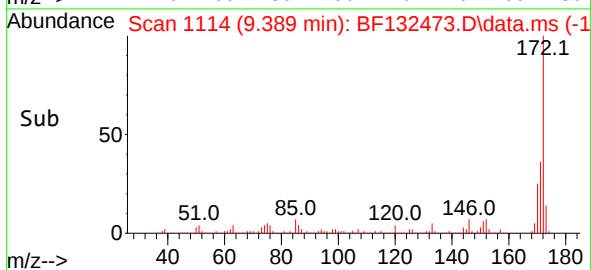
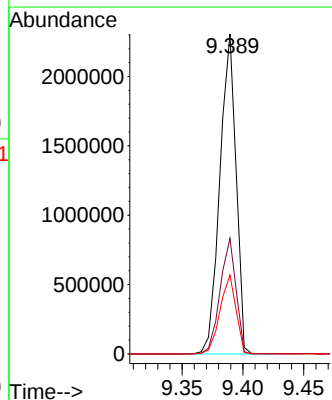
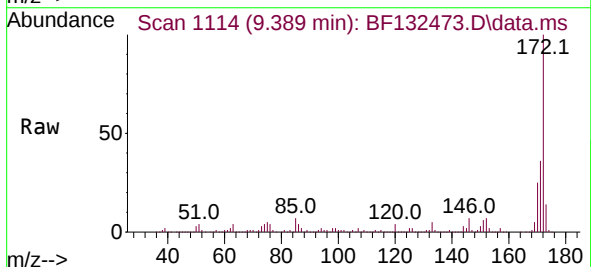
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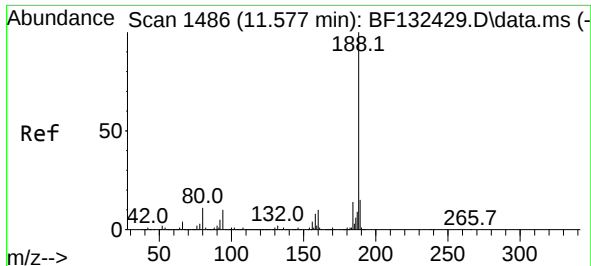
Tgt Ion:330 Resp: 549811
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 36.6 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 71.229 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

Tgt Ion:172 Resp: 2137650
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.6 19.9 29.9

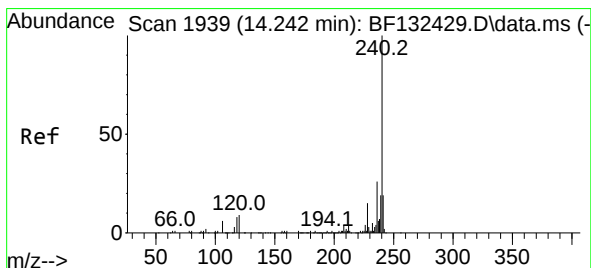
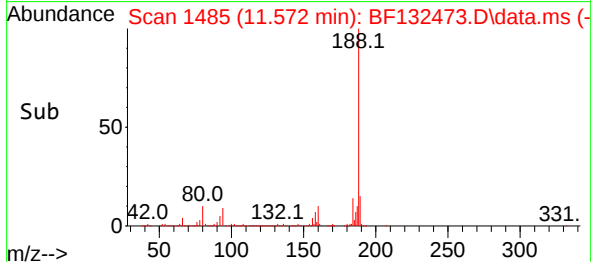
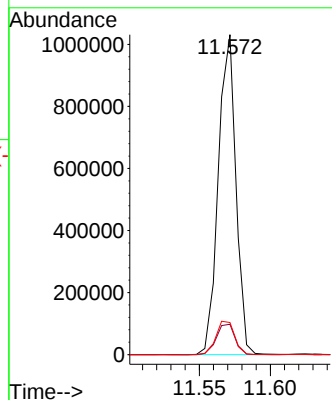
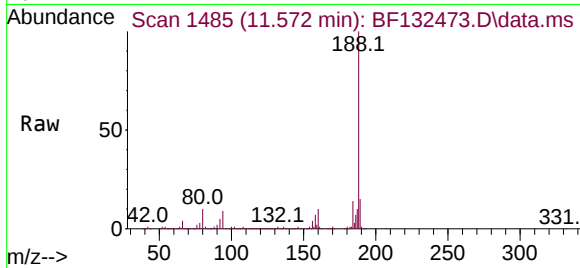




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

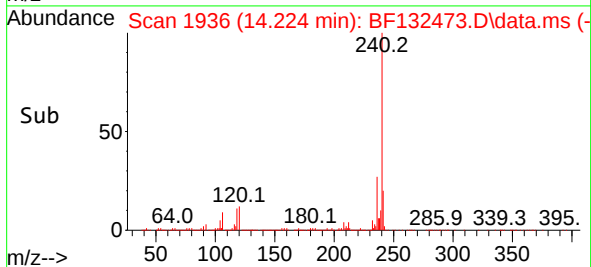
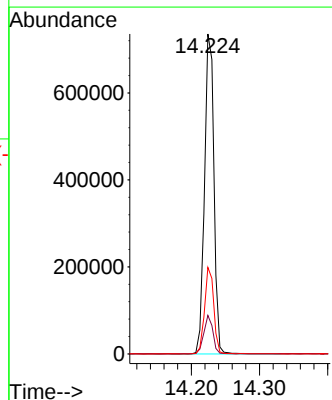
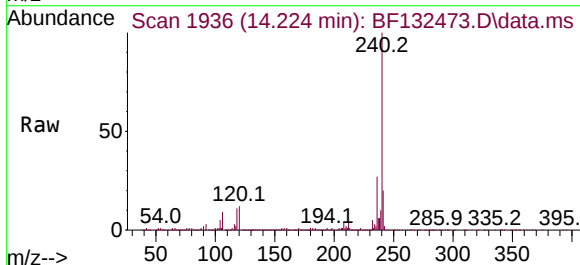
Instrument :
BNA_F
ClientSampleId :
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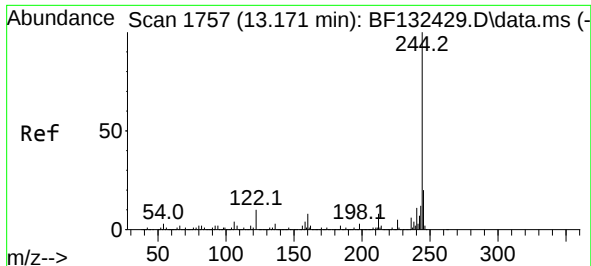
Tgt Ion:188 Resp: 892291
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132473.D
Acq: 20 Feb 2023 11:25

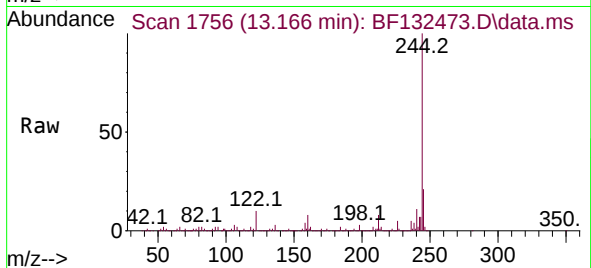
Tgt Ion:240 Resp: 707833
Ion Ratio Lower Upper
240 100
120 12.0 7.5 11.3#
236 27.0 21.0 31.6





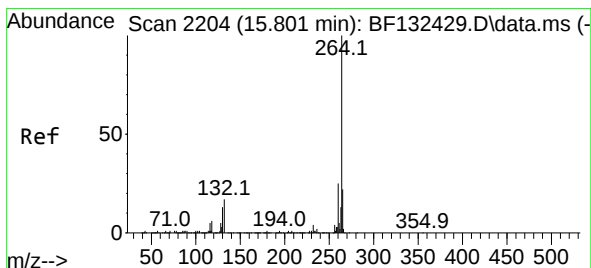
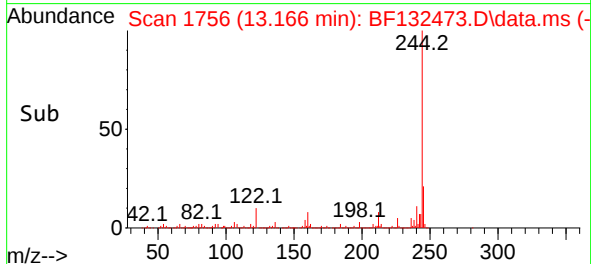
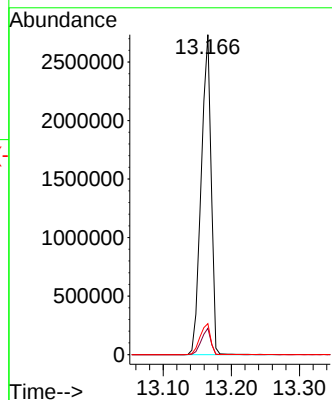
#79
 Terphenyl-d14
 Concen: 71.433 ng
 RT: 13.166 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132473.D
 Acq: 20 Feb 2023 11:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2776321

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	9.7	7.7	11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.789 min Scan# 2202
 Delta R.T. 0.006 min
 Lab File: BF132473.D
 Acq: 20 Feb 2023 11:25

Tgt Ion:264 Resp: 534958

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.1	17.2	25.8

