

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131047.D
 Acq On : 07 Nov 2022 17:06
 Operator : CG\JU
 Sample : N5415-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-14

Quant Time: Nov 08 02:16:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

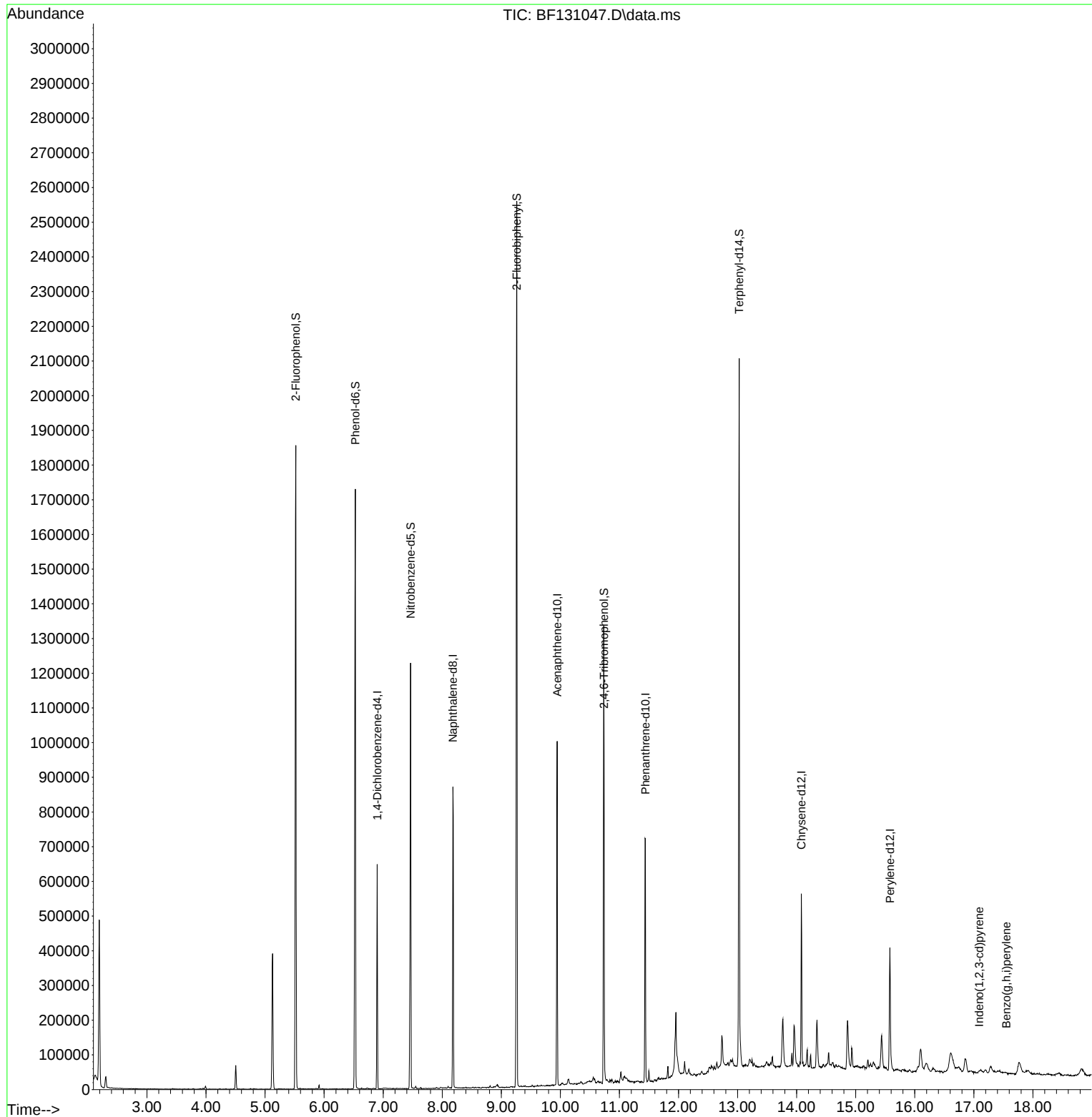
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	77378	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	365975	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	184569	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	259796	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	156512	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	153224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	459783	95.815	ng	0.00
7) Phenol-d6	6.528	99	532410	90.901	ng	0.00
23) Nitrobenzene-d5	7.463	82	365876	46.340	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	138494	68.155	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	735125	54.280	ng	0.00
79) Terphenyl-d14	13.027	244	648777	66.459	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.092	276	2324	3.490	ng	# 92
92) Benzo(g,h,i)perylene	17.551	276	2152	3.578	ng	# 74

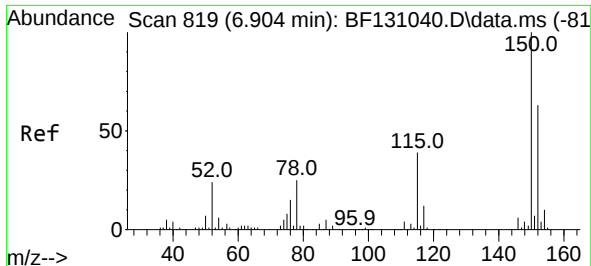
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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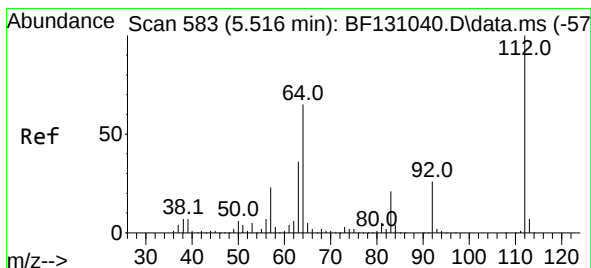
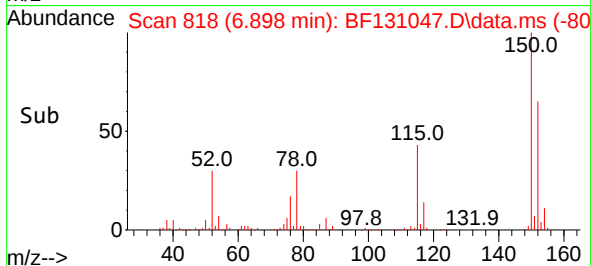
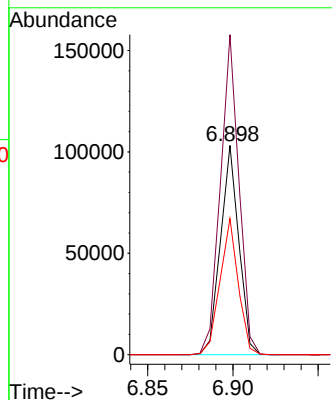
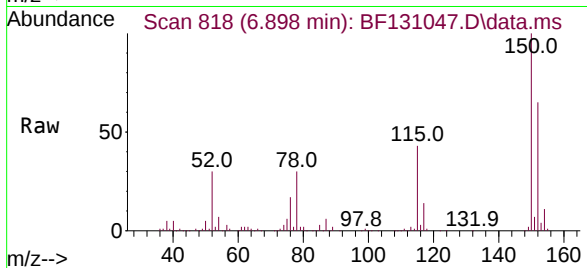




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

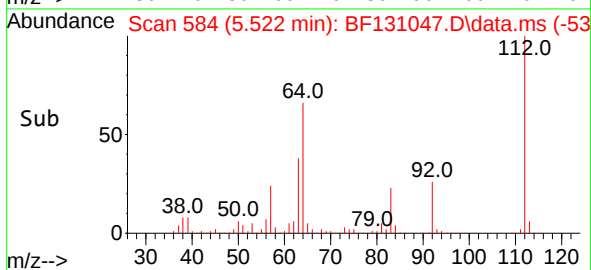
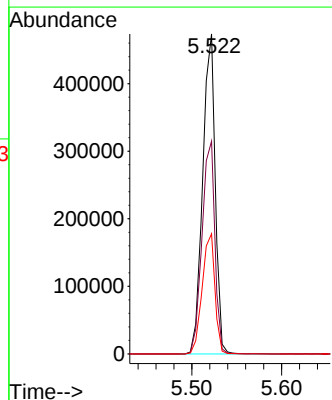
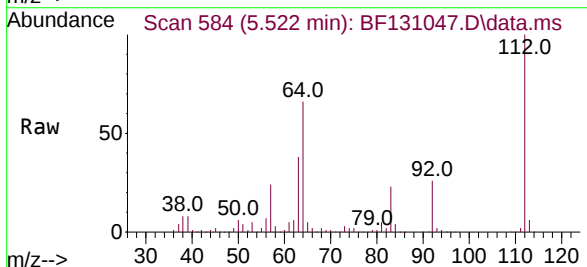
Instrument :
 BNA_F
 ClientSampleId :
 R-14

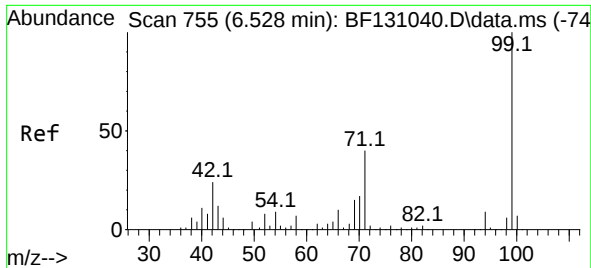
Tgt Ion:152 Resp: 77378
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.6 189.8
 115 65.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 95.815 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

Tgt Ion:112 Resp: 459783
 Ion Ratio Lower Upper
 112 100
 64 66.5 52.2 78.4
 63 37.5 29.0 43.4

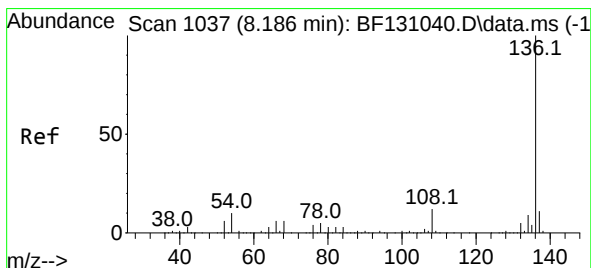
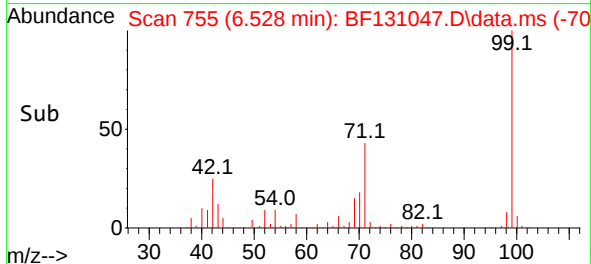
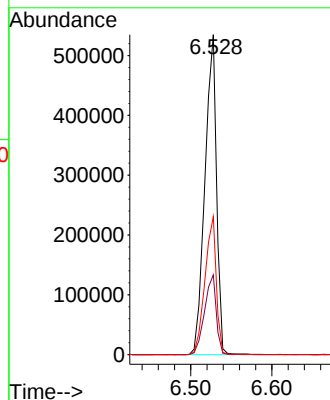
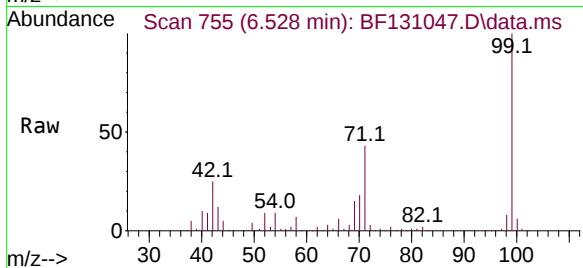




#7
Phenol-d6
Concen: 90.901 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

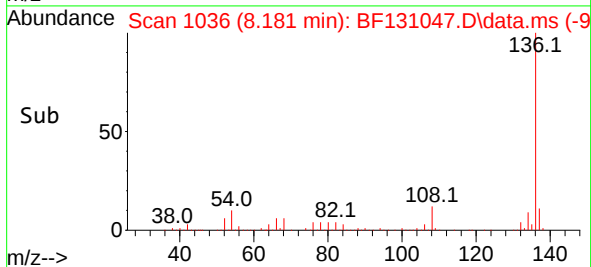
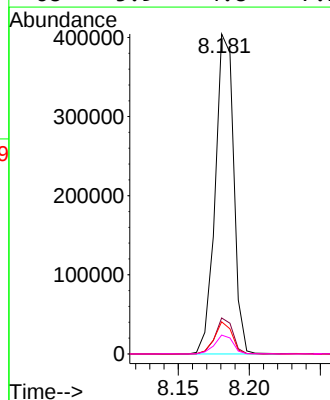
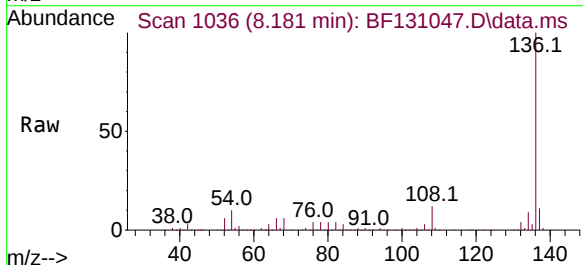
Instrument :
BNA_F
ClientSampleId :
R-14

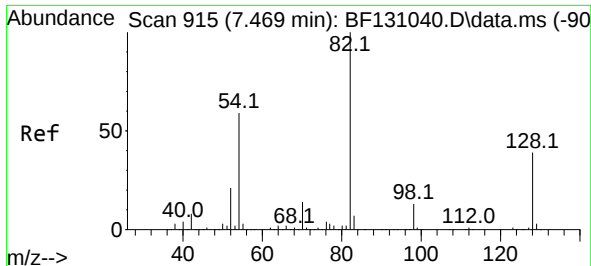
Tgt Ion: 99 Resp: 532410
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.0
71 43.1 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:136 Resp: 365975
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 8.2 12.2
68 5.9 4.8 7.2

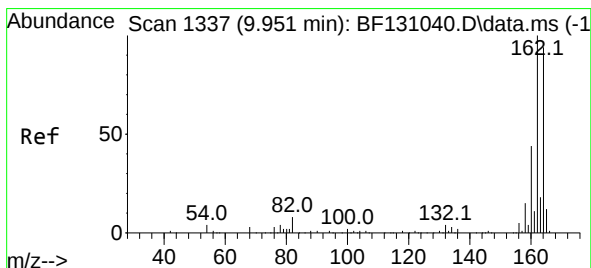
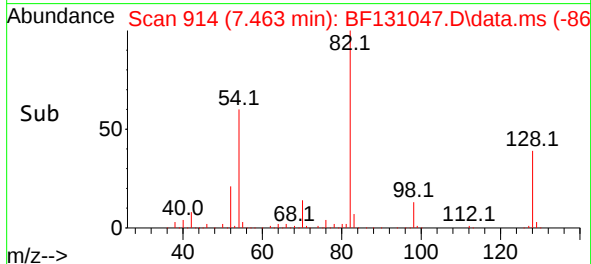
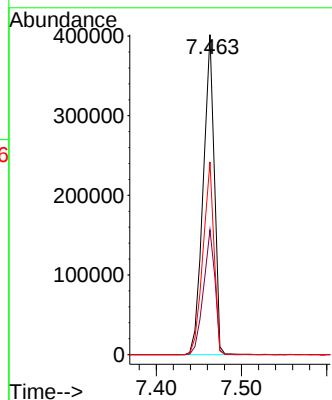
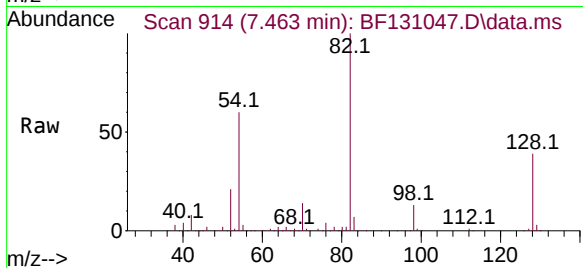




#23
Nitrobenzene-d5
Concen: 46.340 ng
RT: 7.463 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

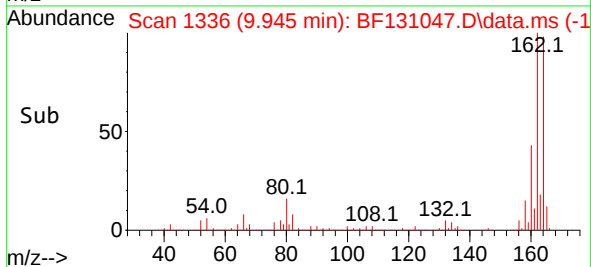
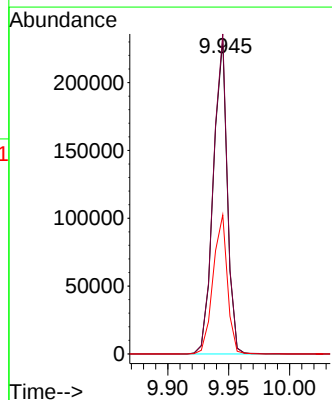
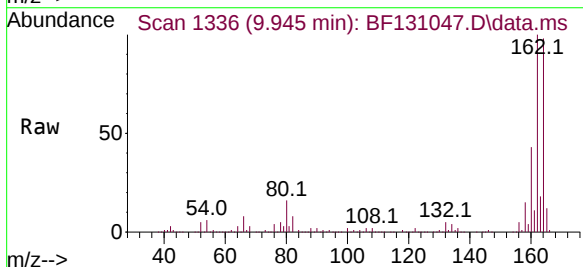
Instrument :
BNA_F
ClientSampleId :
R-14

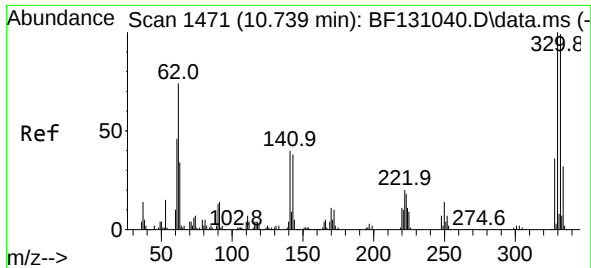
Tgt Ion: 82 Resp: 365876
Ion Ratio Lower Upper
82 100
128 39.0 31.3 46.9
54 60.2 47.2 70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:164 Resp: 184569
Ion Ratio Lower Upper
164 100
162 101.8 85.0 127.6
160 44.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 68.155 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

R-14

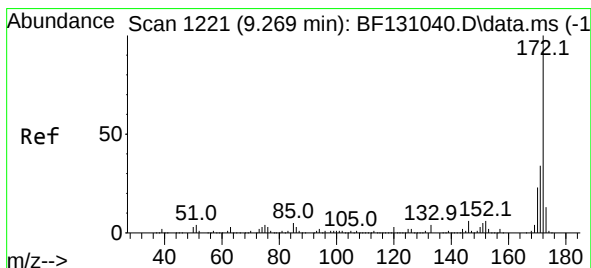
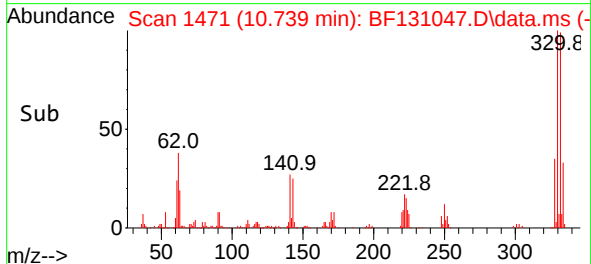
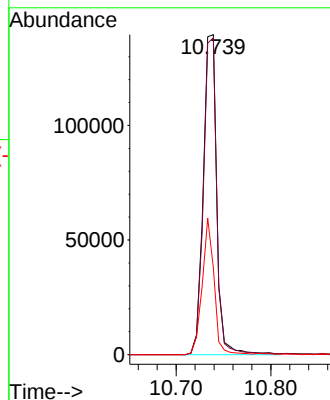
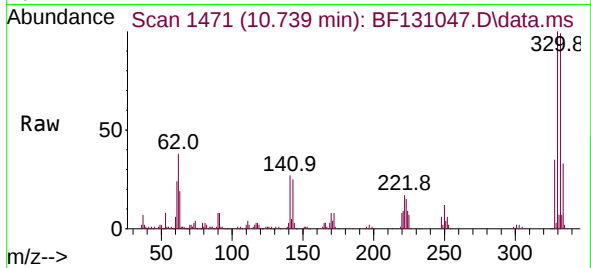
Tgt Ion:330 Resp: 138494

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 37.3 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 54.280 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

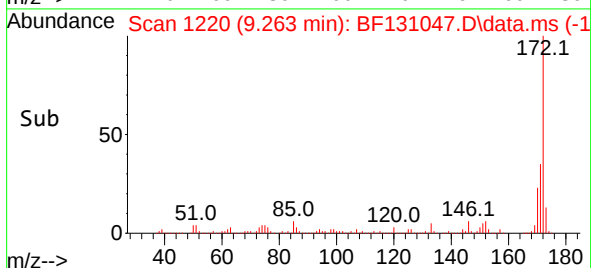
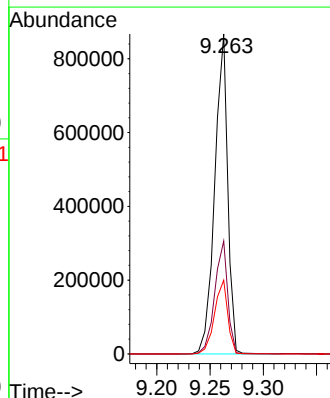
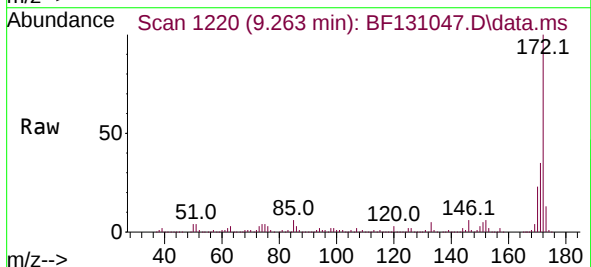
Tgt Ion:172 Resp: 735125

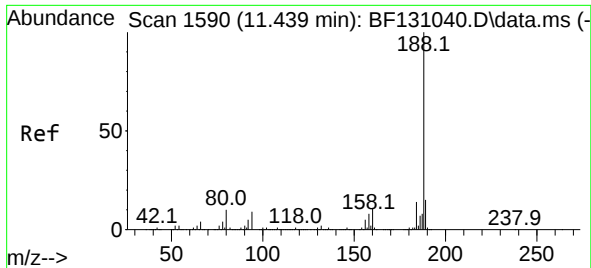
Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.0 18.4 27.6

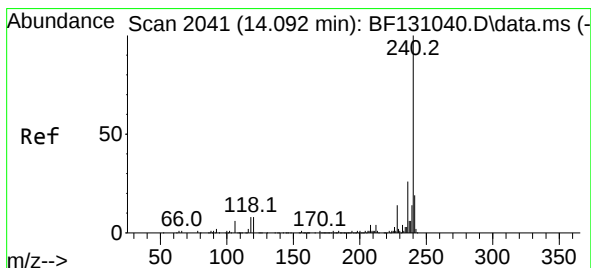
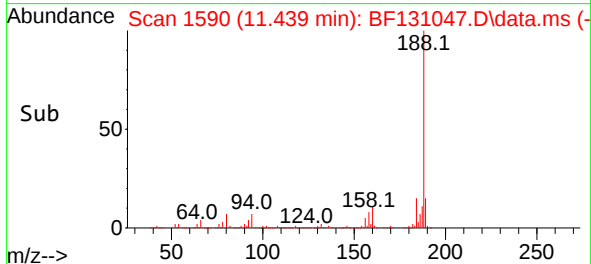
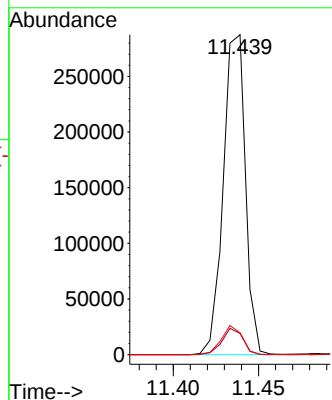
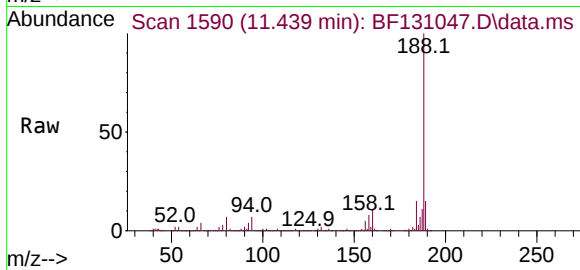




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

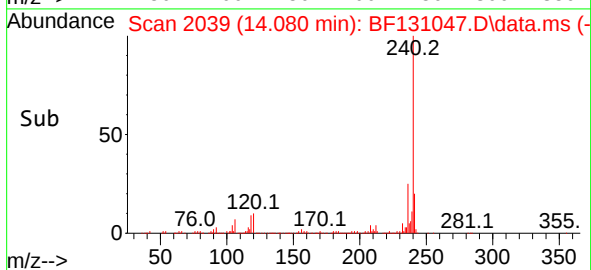
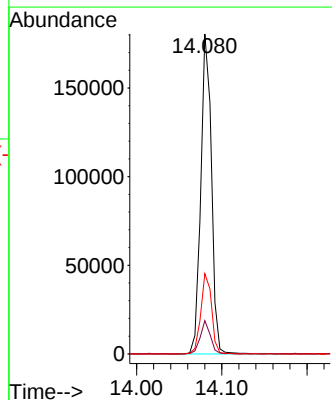
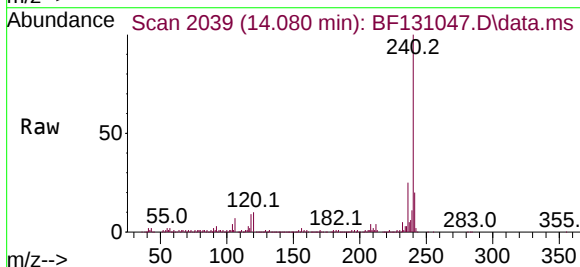
Instrument :
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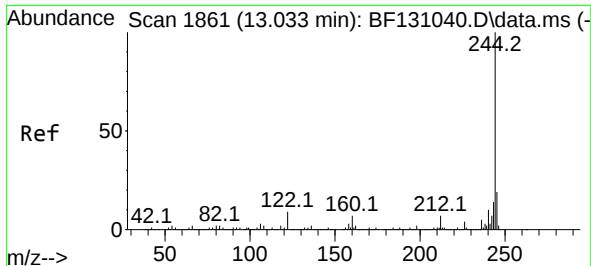
Tgt Ion:188 Resp: 259796
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 6.8 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.012 min
Lab File: BF131047.D
Acq: 07 Nov 2022 17:06

Tgt Ion:240 Resp: 156512
Ion Ratio Lower Upper
240 100
120 10.4 6.7 10.1#
236 25.1 20.8 31.2

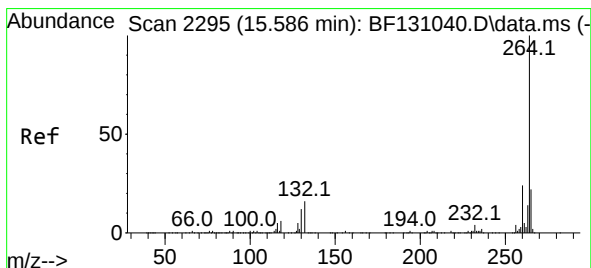
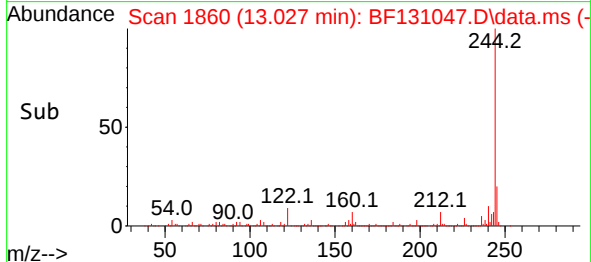
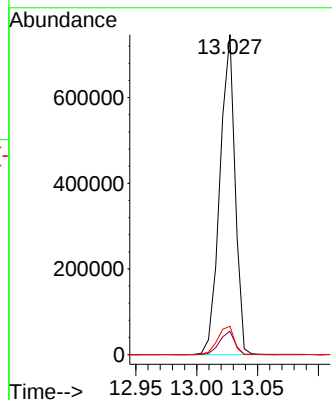
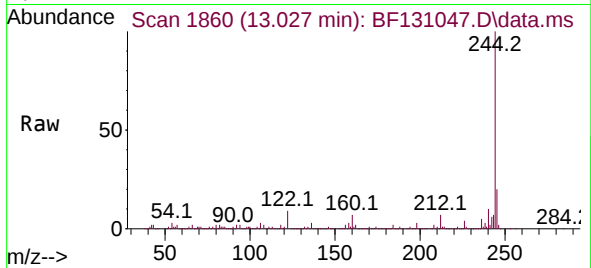




#79
 Terphenyl-d14
 Concen: 66.459 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

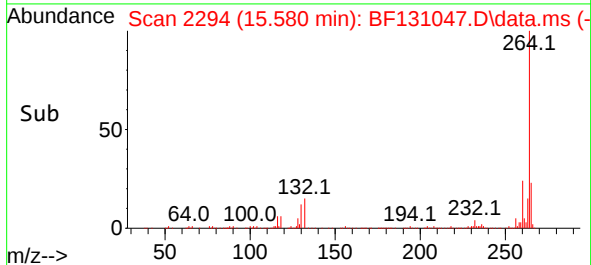
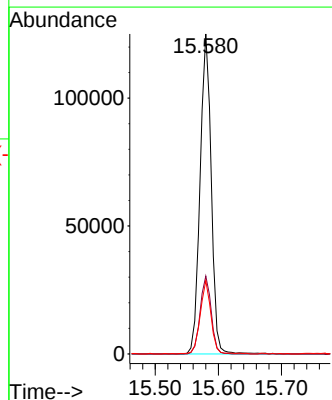
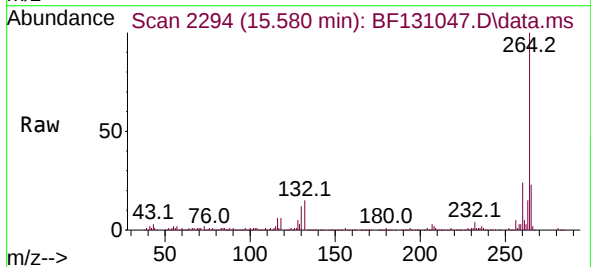
Instrument :
 BNA_F
 ClientSampleId :
 R-14

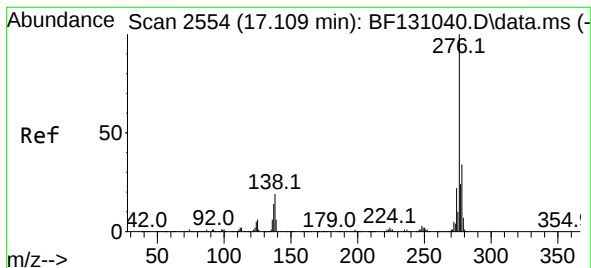
Tgt Ion:244 Resp: 648777
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131047.D
 Acq: 07 Nov 2022 17:06

Tgt Ion:264 Resp: 153224
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.490 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

R-14

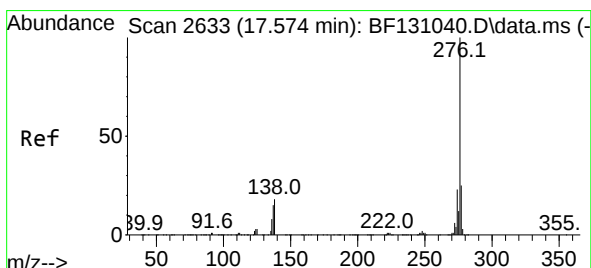
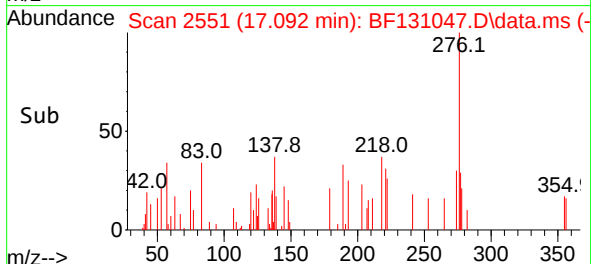
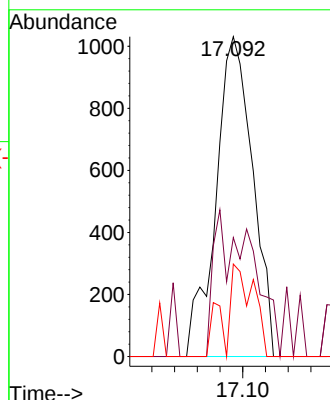
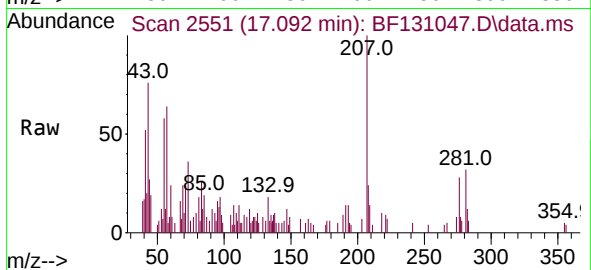
Tgt Ion:276 Resp: 2324

Ion Ratio Lower Upper

276 100

138 16.3 17.3 25.9#

277 22.5 20.2 30.4



#92

Benzo(g,h,i)perylene

Concen: 3.578 ng

RT: 17.551 min Scan# 2629

Delta R.T. -0.024 min

Lab File: BF131047.D

Acq: 07 Nov 2022 17:06

Tgt Ion:276 Resp: 2152

Ion Ratio Lower Upper

276 100

277 15.1 20.0 30.0#

138 33.5 14.8 22.2#

