

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131072.D
 Acq On : 08 Nov 2022 17:58
 Operator : CG\JU
 Sample : N5415-11RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

Quant Time: Nov 09 04:07:31 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)

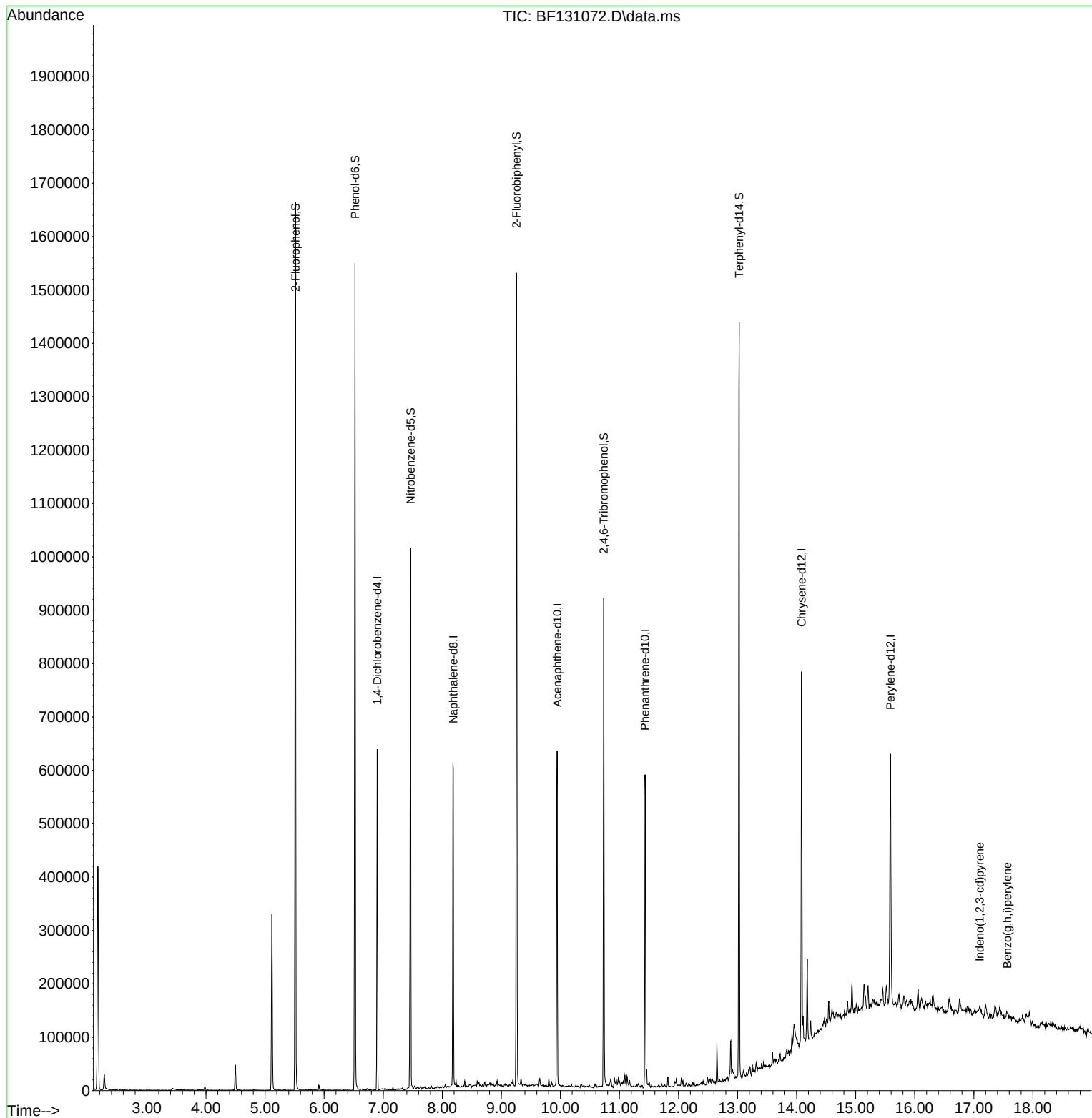
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	78351	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	272468	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	126446	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	214220	20.000	ng	0.00
76) Chrysene-d12	14.086	240	228755	20.000	ng	0.00
86) Perylene-d12	15.592	264	222644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	377607	77.713	ng	0.00
7) Phenol-d6	6.522	99	440536	74.281	ng	0.00
23) Nitrobenzene-d5	7.463	82	288812	49.133	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	93055	66.843	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	453066	48.831	ng	-0.01
79) Terphenyl-d14	13.027	244	478360	33.526	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.098	276	10540	3.847	ng	Qvalue 95
92) Benzo(g,h,i)perylene	17.568	276	10926	4.042	ng	# 95

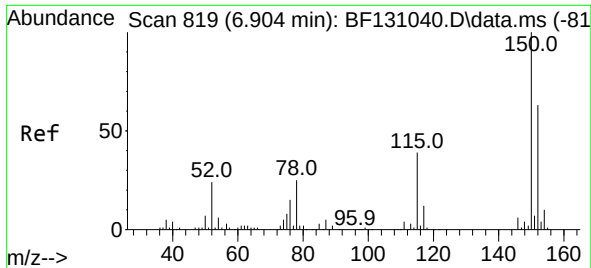
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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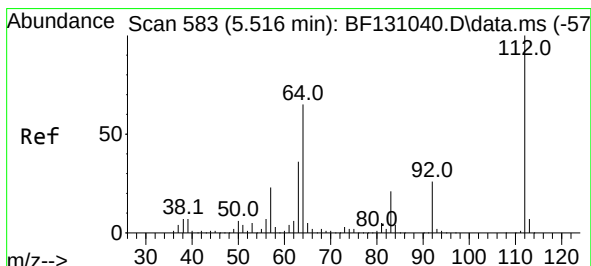
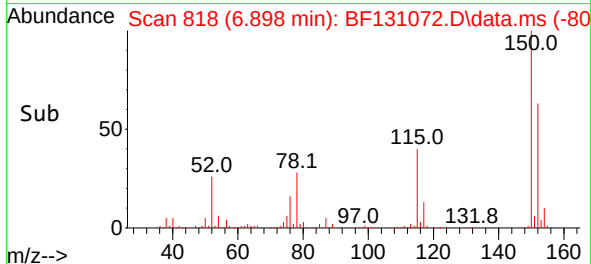
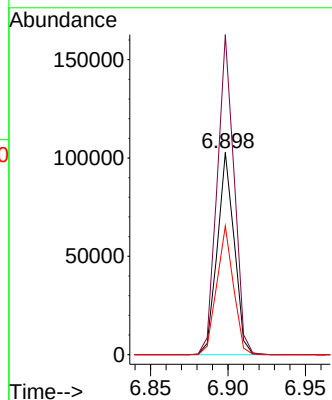
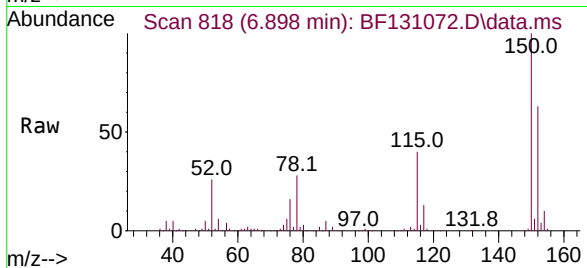




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

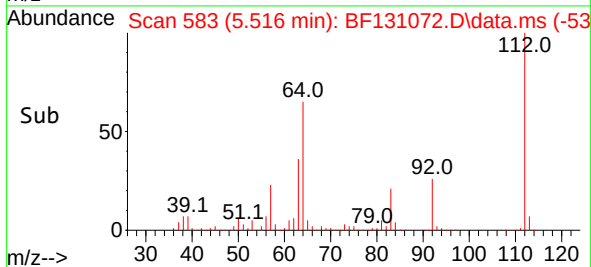
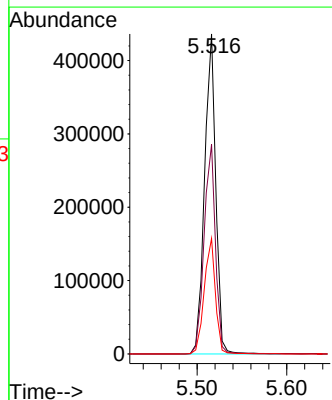
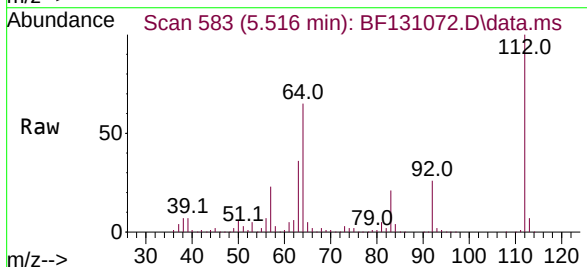
Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

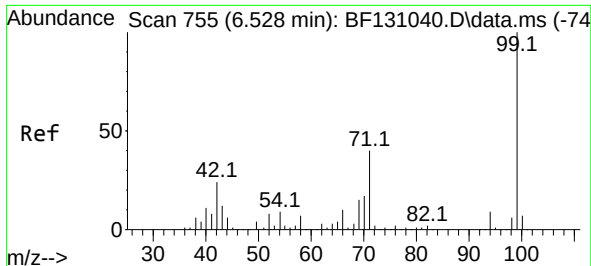
Tgt Ion:152 Resp: 78351
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 189.8
 115 63.6 49.1 73.7



#5
 2-Fluorophenol
 Concen: 77.713 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.000 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

Tgt Ion:112 Resp: 377607
 Ion Ratio Lower Upper
 112 100
 64 65.5 52.2 78.4
 63 36.1 29.0 43.4

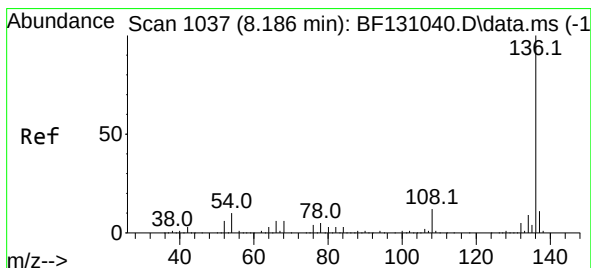
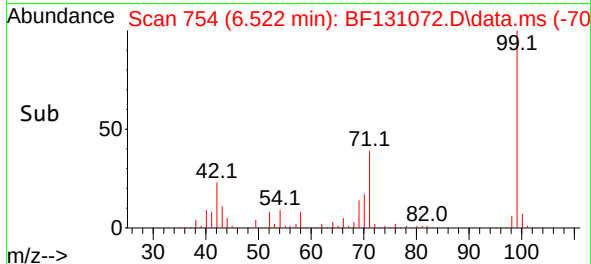
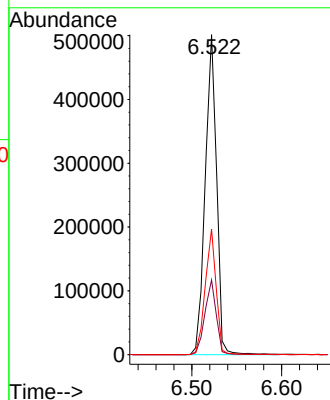
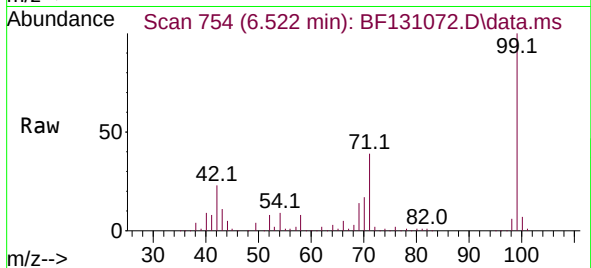




#7
Phenol-d6
Concen: 74.281 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

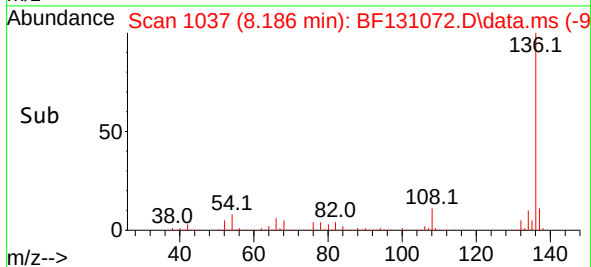
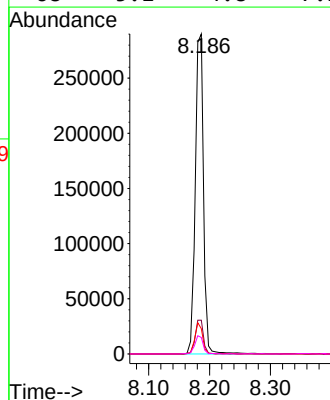
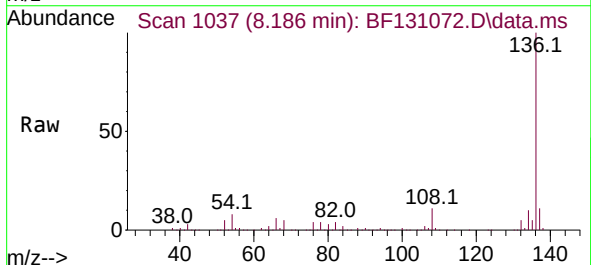
Instrument :
BNA_F
ClientSampleId :
R-24RE

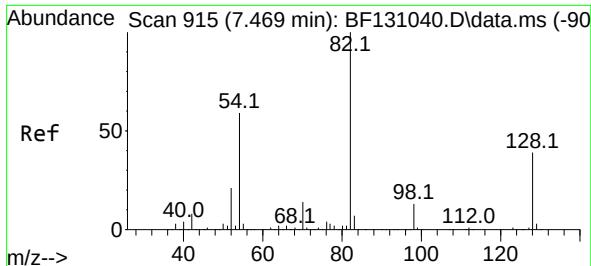
Tgt Ion: 99 Resp: 440536
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.0
71 39.2 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 136 Resp: 272468
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 8.2 12.2#
68 5.1 4.8 7.2

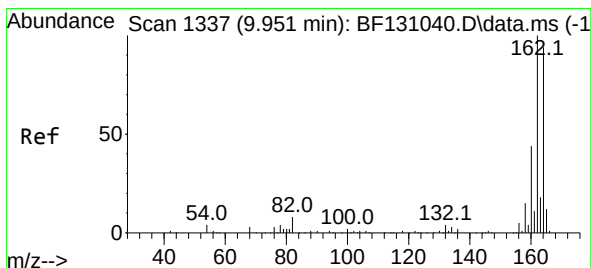
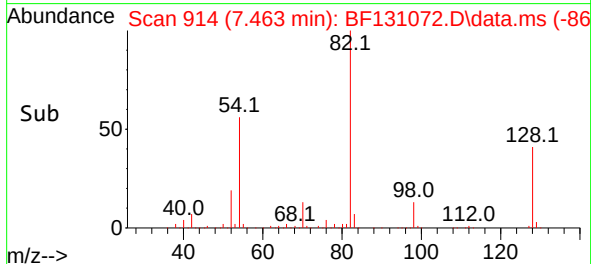
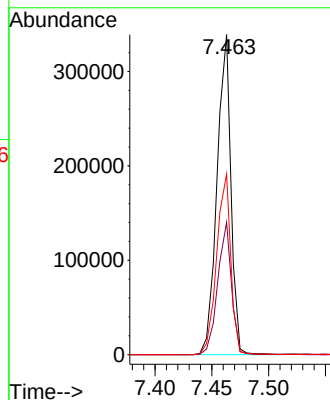
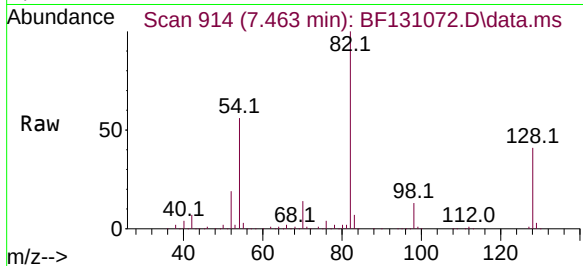




#23
 Nitrobenzene-d5
 Concen: 49.133 ng
 RT: 7.463 min Scan# 915
 Delta R.T. -0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

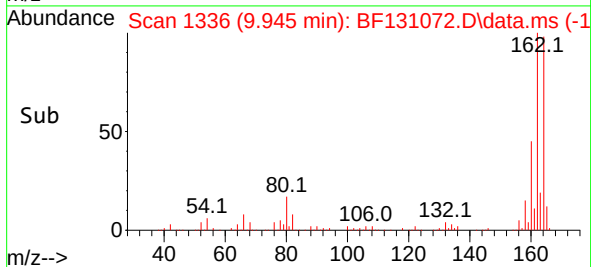
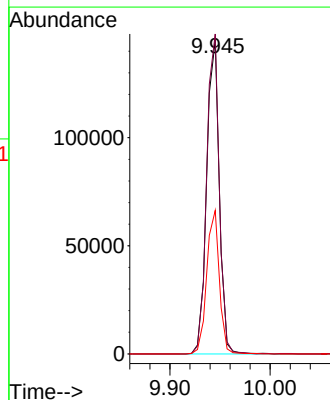
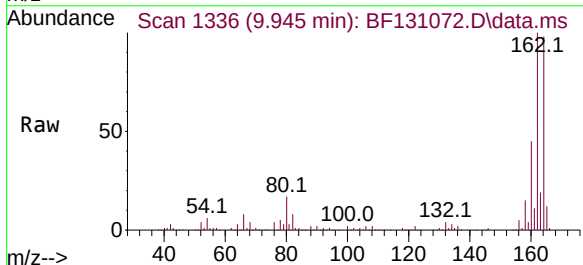
Instrument :
 BNA_F
 ClientSampleId :
 R-24RE

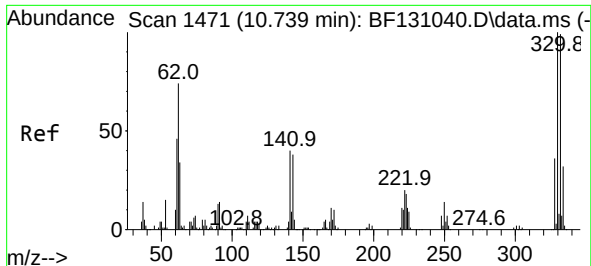
Tgt Ion: 82 Resp: 288812
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.3 46.9
 54 56.4 47.2 70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

Tgt Ion:164 Resp: 126446
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.0 127.6
 160 45.8 37.0 55.6

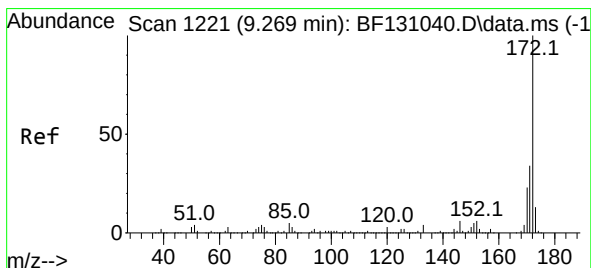
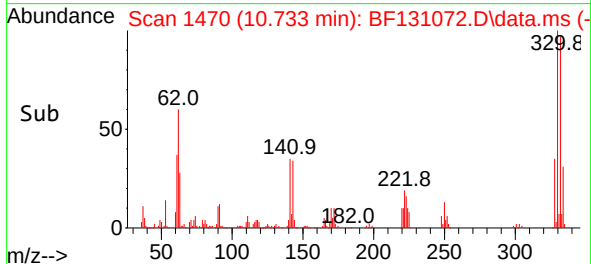
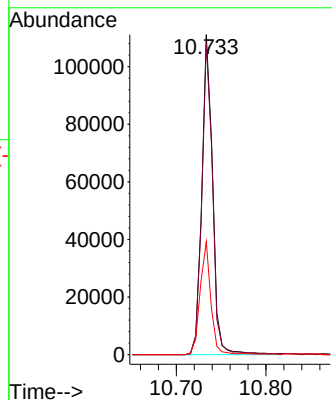
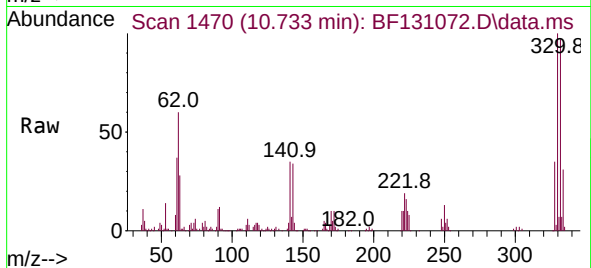




#42
2,4,6-Tribromophenol
Concen: 66.843 ng
RT: 10.733 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

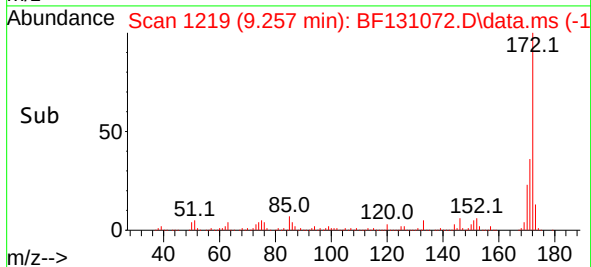
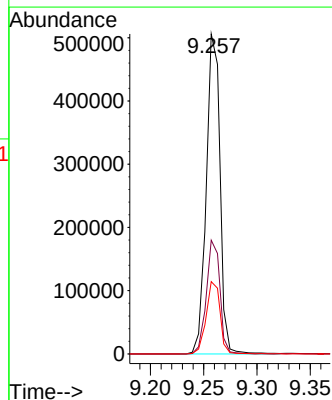
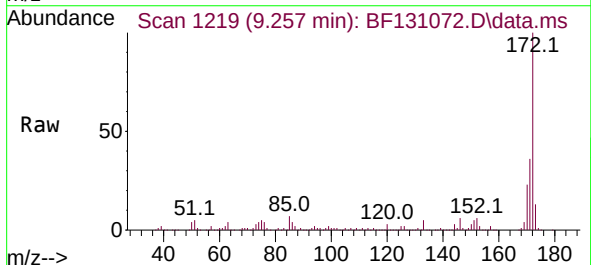
Instrument :
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ClientSampleId :
R-24RE

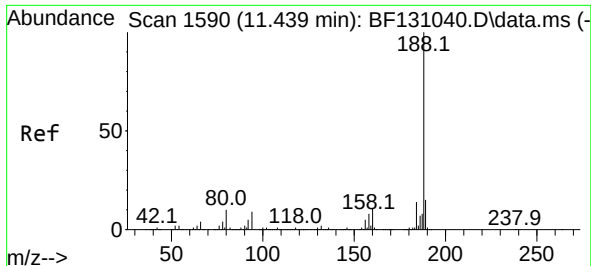
Tgt Ion: 330 Resp: 93055
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 48.831 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion: 172 Resp: 453066
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 22.6 18.4 27.6

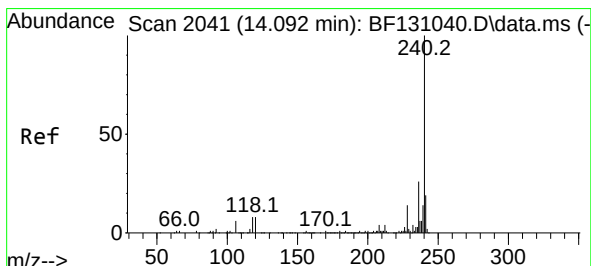
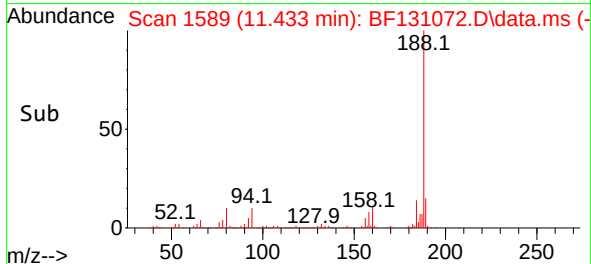
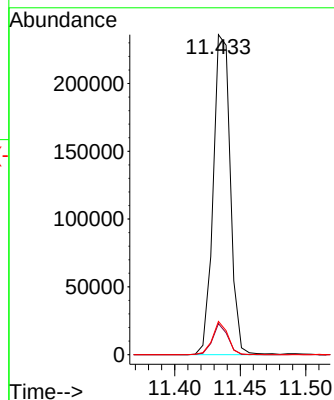
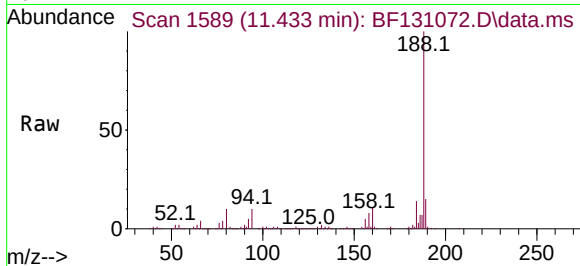




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

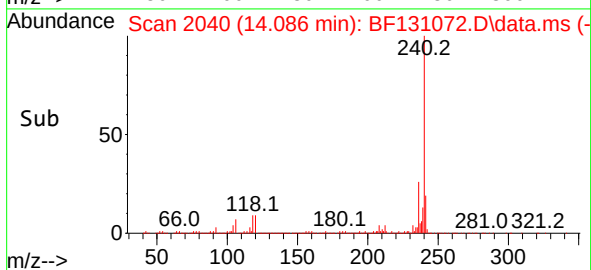
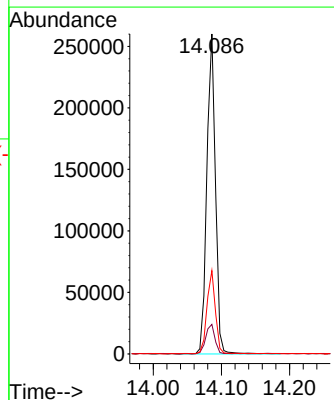
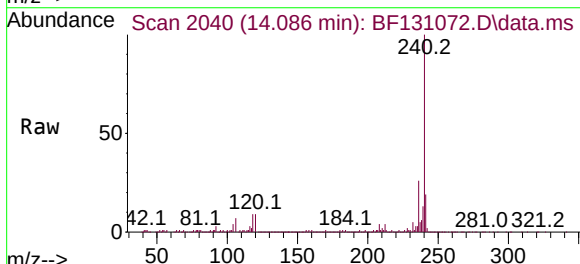
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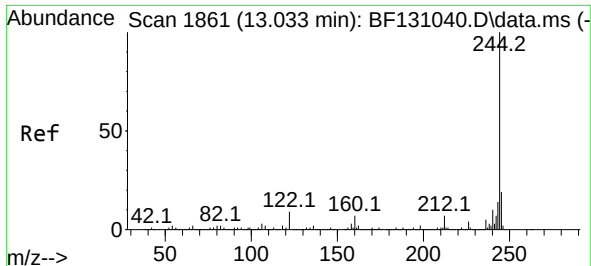
Tgt Ion:188 Resp: 214220
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131072.D
Acq: 08 Nov 2022 17:58

Tgt Ion:240 Resp: 228755
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 26.0 20.8 31.2

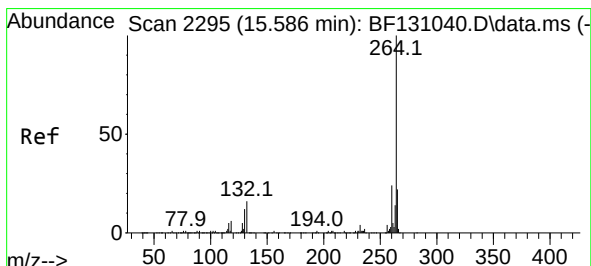
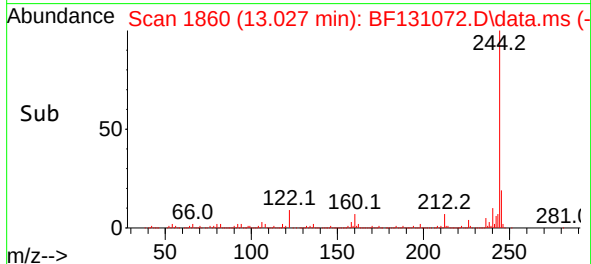
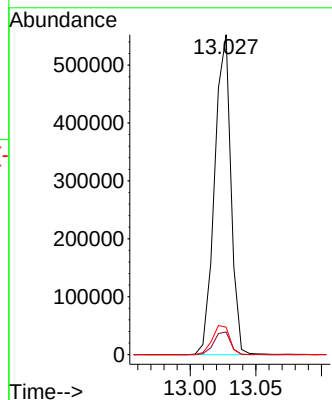
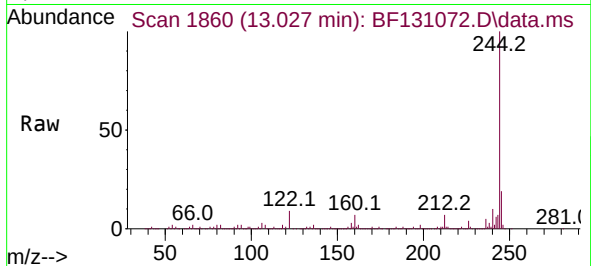




#79
 Terphenyl-d14
 Concen: 33.526 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

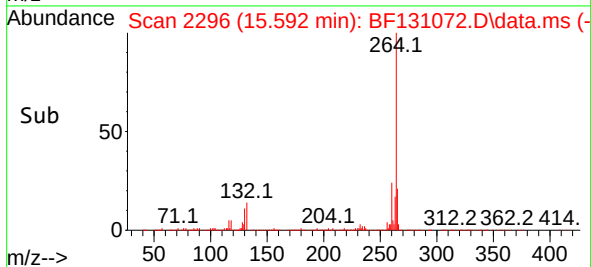
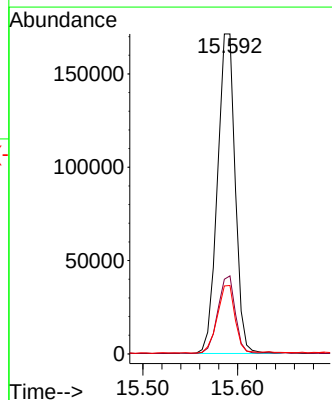
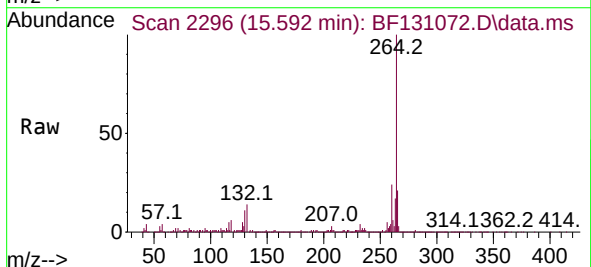
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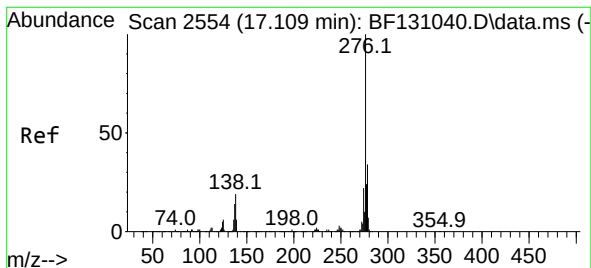
Tgt Ion:244 Resp: 478360
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.006 min
 Lab File: BF131072.D
 Acq: 08 Nov 2022 17:58

Tgt Ion:264 Resp: 222644
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.847 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF131072.D

Acq: 08 Nov 2022 17:58

Instrument :

BNA_F

ClientSampleId :

R-24RE

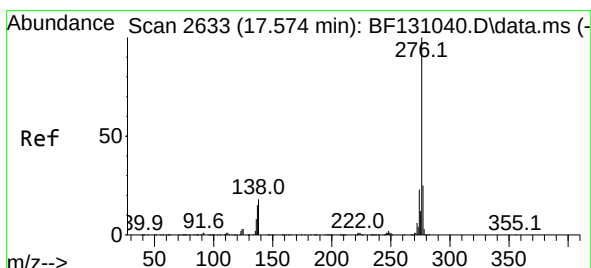
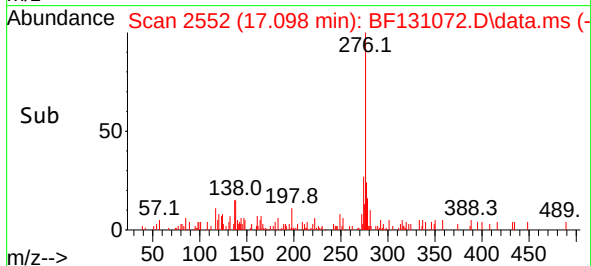
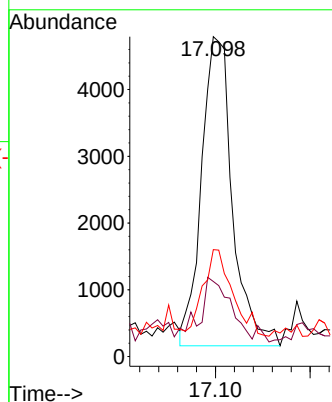
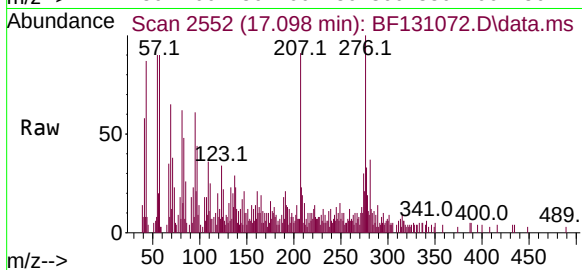
Tgt Ion:276 Resp: 10540

Ion Ratio Lower Upper

276 100

138 19.3 17.3 25.9

277 27.5 20.2 30.4



#92

Benzo(g,h,i)perylene

Concen: 4.042 ng

RT: 17.568 min Scan# 2632

Delta R.T. -0.006 min

Lab File: BF131072.D

Acq: 08 Nov 2022 17:58

Tgt Ion:276 Resp: 10926

Ion Ratio Lower Upper

276 100

277 25.6 20.0 30.0

138 23.4 14.8 22.2#

