

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121011.D
 Acq On : 24 Jul 2020 19:19
 Operator : JU/CG
 Sample : L3381-19 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-GRID-B5

Manual Integrations
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Quant Time: Jul 25 00:28:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	166732	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	562508	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	282806	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	462393	20.00	ng	0.00
76) Chrysene-d12	13.97	240	389190	20.00	ng	0.00
86) Perylene-d12	15.42	264	450820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	521710	51.30	ng	0.00
7) Phenol-d6	6.44	99	605702	46.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	607258	62.47	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	137318	44.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1177728	62.18	ng	0.00
79) Terphenyl-d14	12.92	244	859557	48.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	60751	2.978	ng	99
71) Phenanthrene	11.36	178	95536	4.017	ng	97
75) Fluoranthene	12.54	202	188222	7.141	ng	98
78) Pyrene	12.77	202	180204	6.549	ng	98
81) Benzo(a)anthracene	13.96	228	77226	3.277	ng	95
83) Chrysene	13.99	228	90454	3.652	ng	95
88) Benzo(b)fluoranthene	14.99	252	112157m	4.116	ng	
90) Benzo(a)pyrene	15.35	252	82920	3.335	ng	# 92
92) Benzo(g,h,i)perylene	17.27	276	52024	2.060	ng	# 91

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

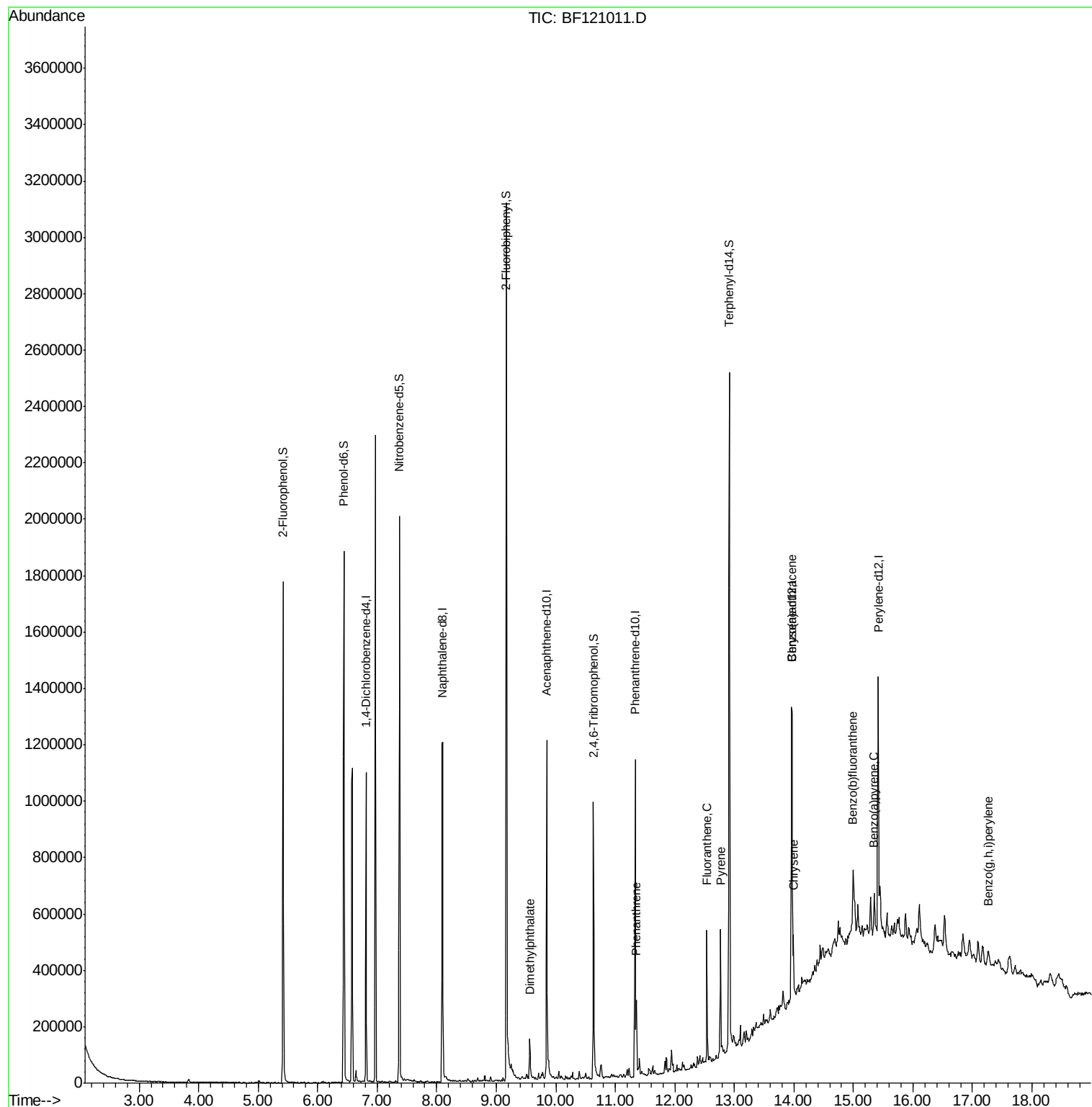
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121011.D
Acq On : 24 Jul 2020 19:19
Operator : JU/CG
Sample : L3381-19 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

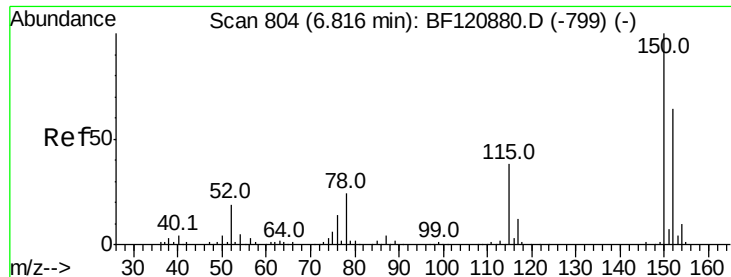
Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

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#1

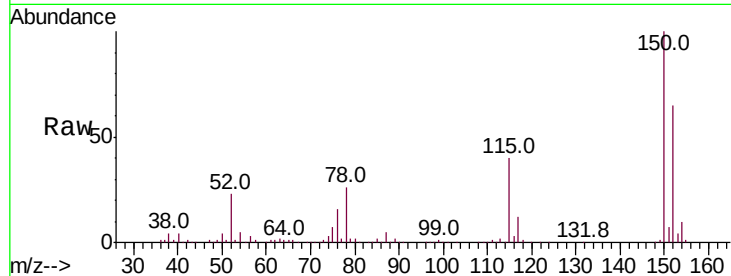
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121011.D
 Acq: 24 Jul 2020 19:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.0	187.6
115	60.8	47.0	70.4

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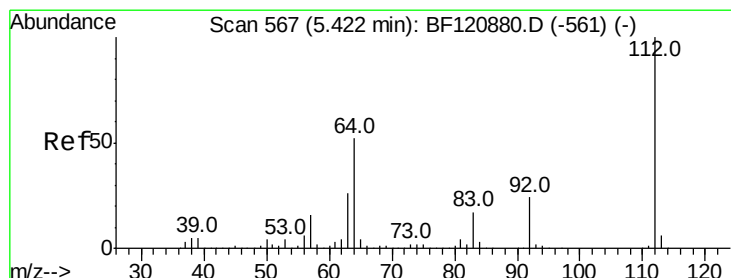
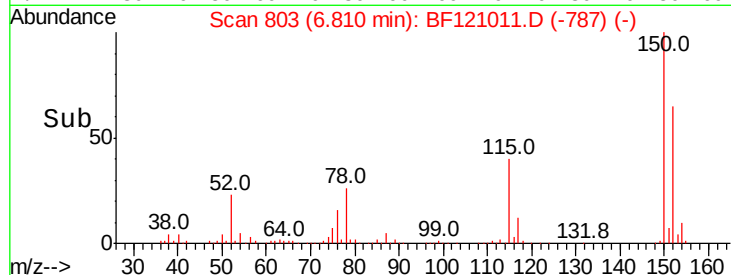
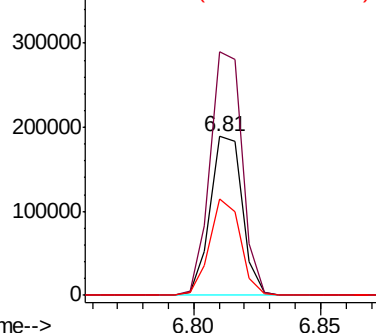


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 51.296 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF121011.D
 Acq: 24 Jul 2020 19:19

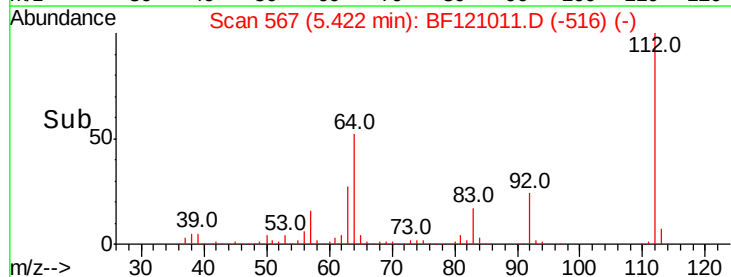
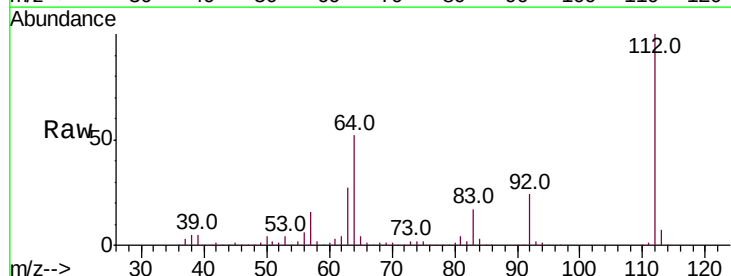
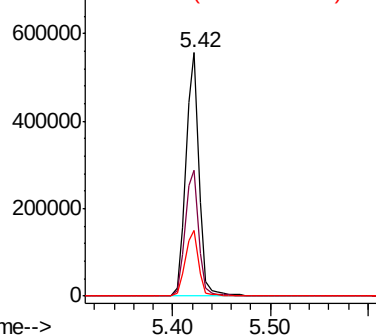
Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.3	61.9
63	27.2	21.1	31.7

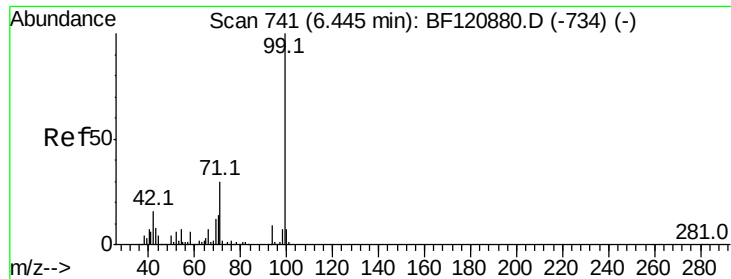
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 46.104 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121011.D

Acq: 24 Jul 2020 19:19

Instrument :

BNA_F

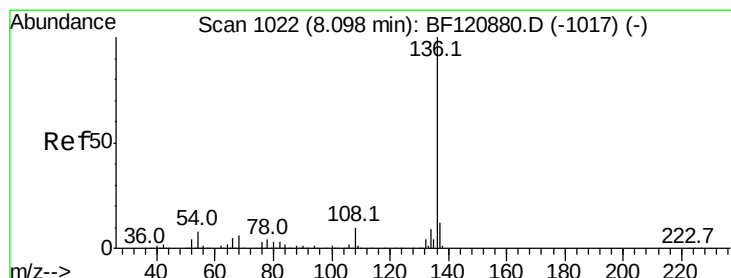
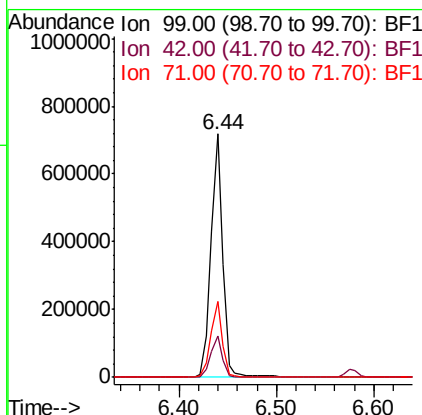
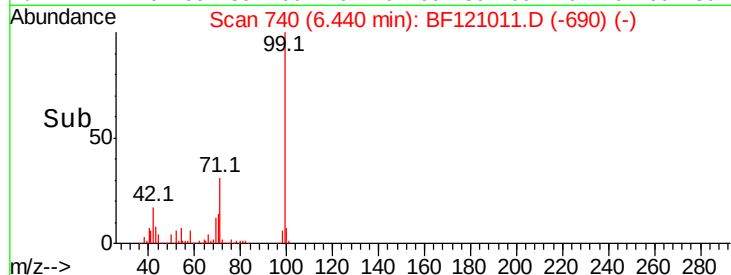
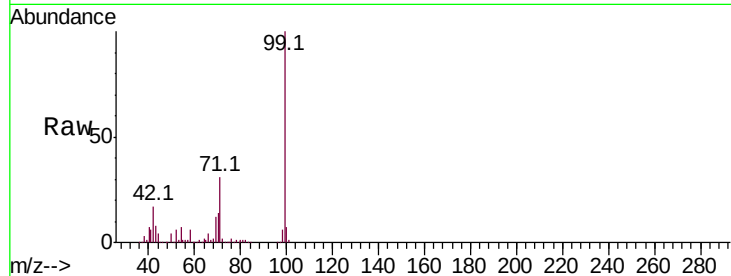
ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:	99	Resp:	605702
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.1	19.7
71	31.1	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

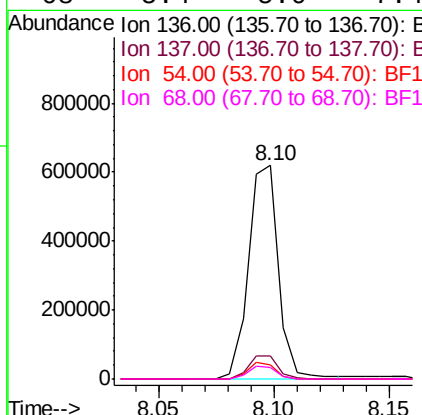
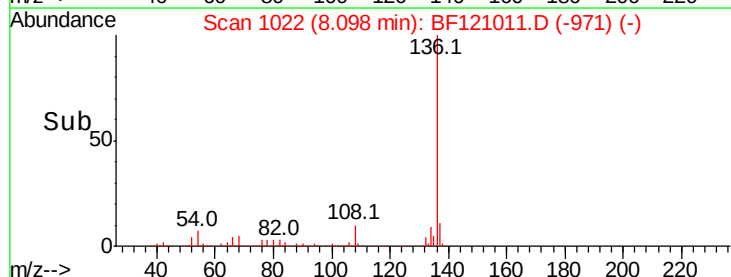
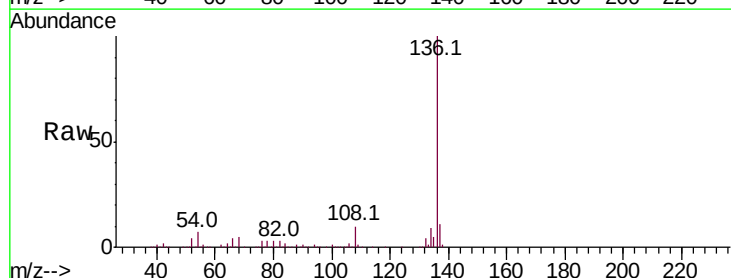
RT: 8.10 min Scan# 1022

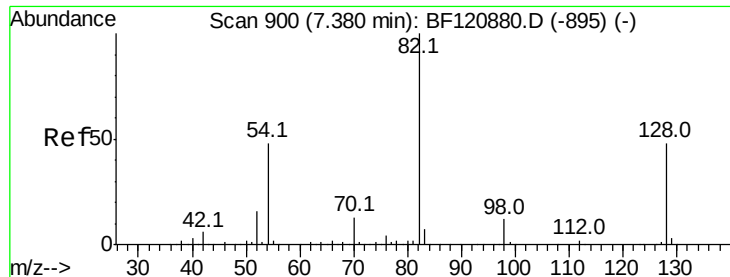
Delta R.T. 0.00 min

Lab File: BF121011.D

Acq: 24 Jul 2020 19:19

Tgt Ion:	136	Resp:	562508
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.3	13.9
54	6.6	6.3	9.5
68	5.4	5.0	7.4





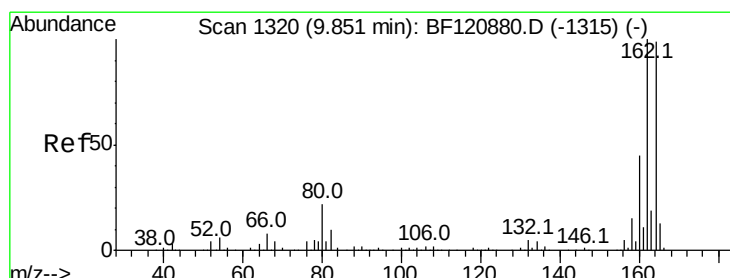
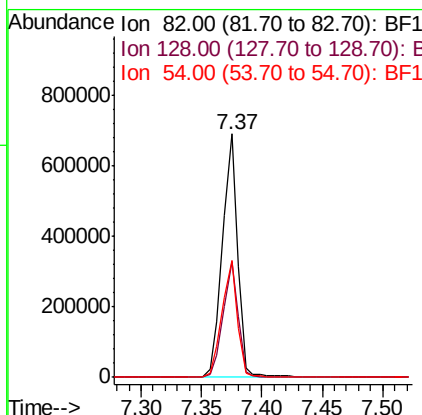
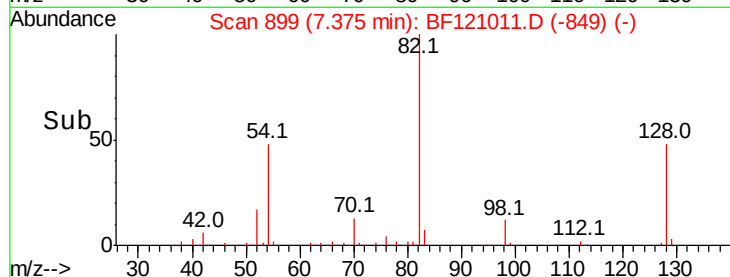
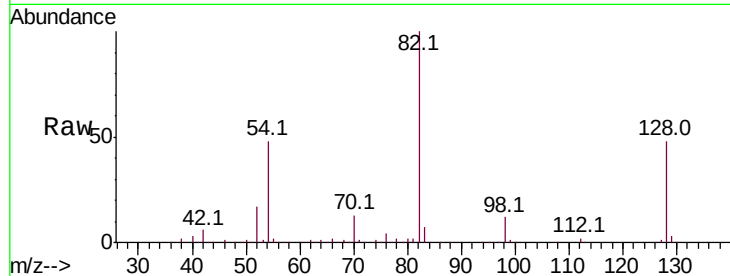
#23
Nitrobenzene-d5
Concen: 62.466 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.2	38.7	58.1

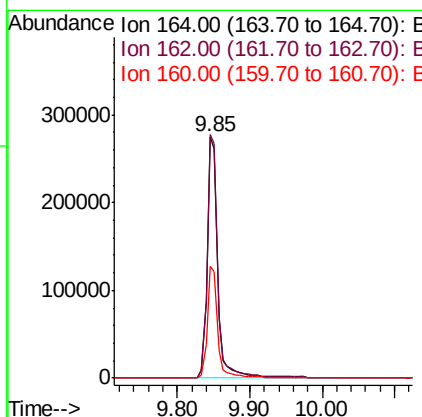
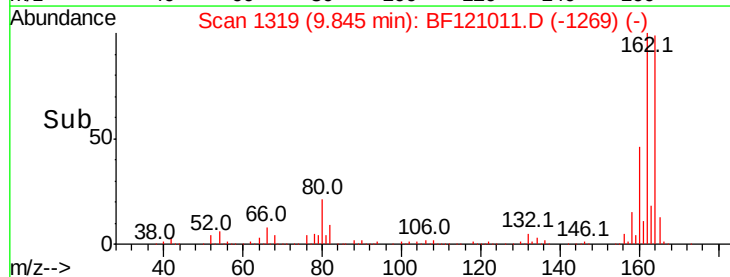
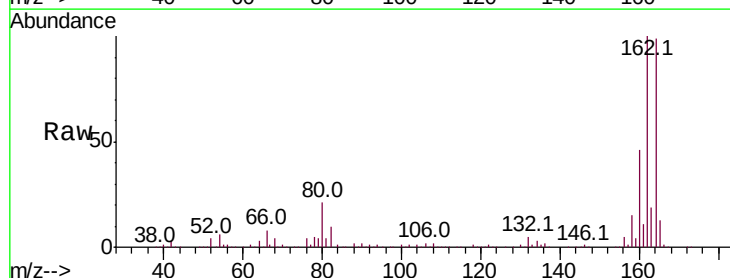
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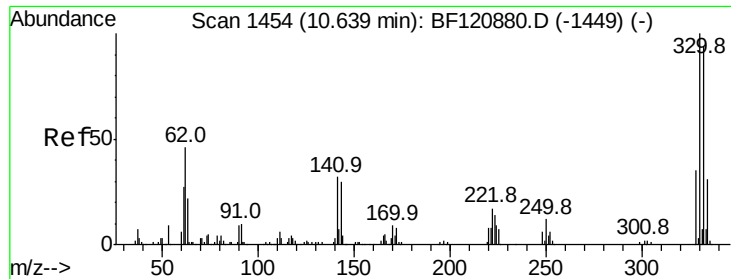
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	46.3	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 44.359 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121011.D

Acq: 24 Jul 2020 19:19

Instrument :

BNA_F

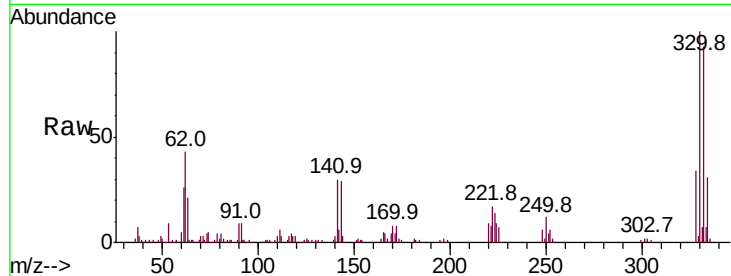
ClientSampleId :

VNJ-225-GRID-B5

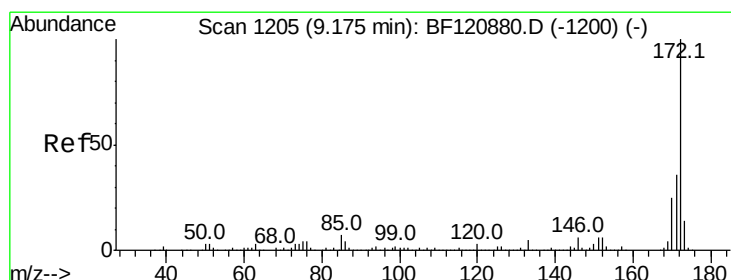
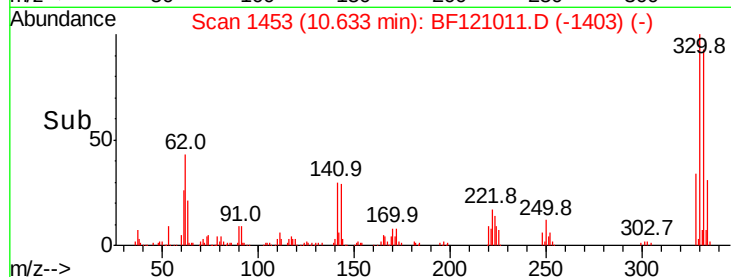
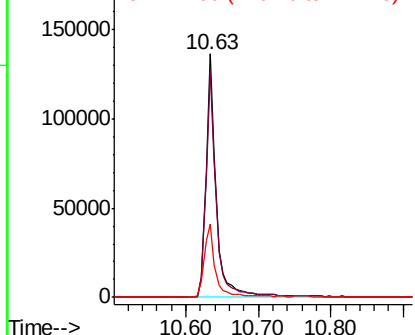
Tot Ion:	330	Resp:	137318
Ion Ratio	Lower	Upper	
330	100		
332	94.8	75.5	113.3
141	32.8	25.7	38.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 62.177 ng

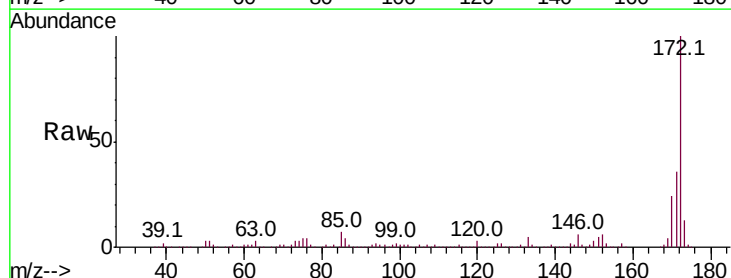
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

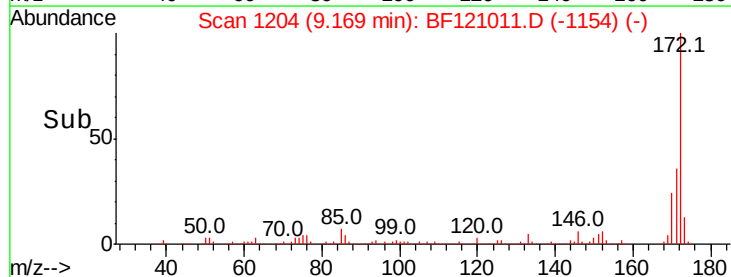
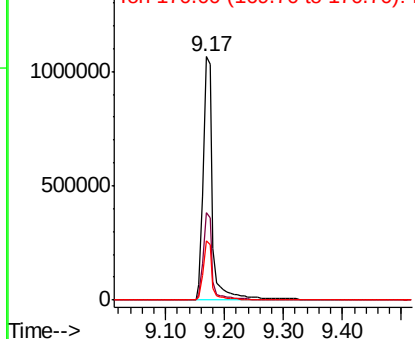
Lab File: BF121011.D

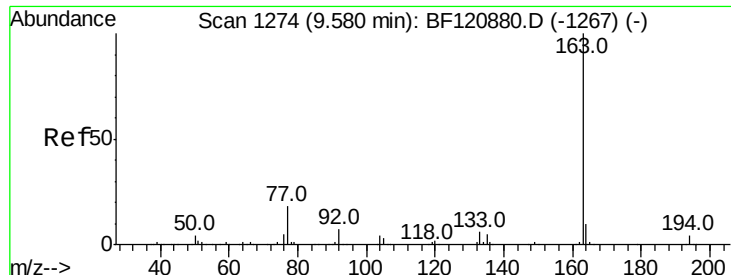
Acq: 24 Jul 2020 19:19

Tgt Ion:	172	Resp:	1177728
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.4
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





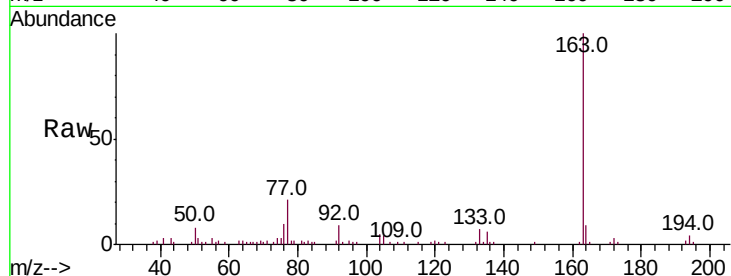
#50
Dimethylphthalate
Concen: 2.978 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

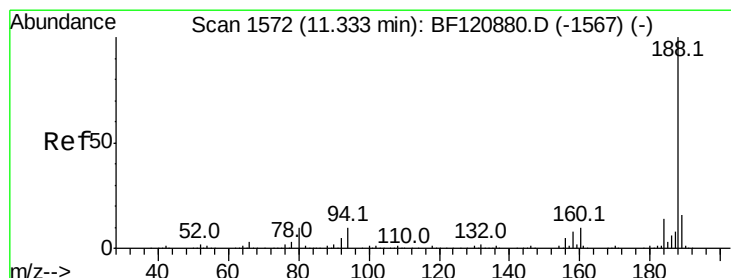
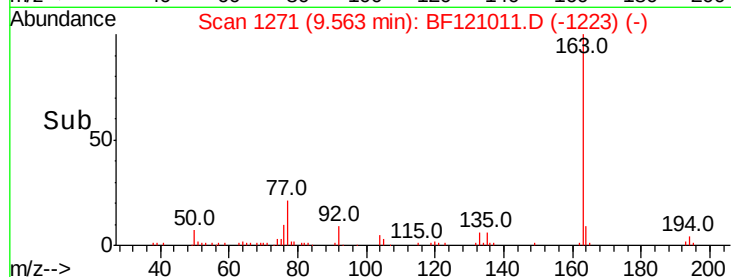
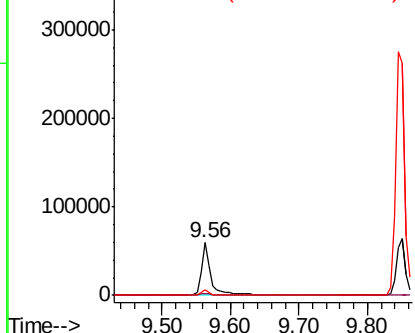
Tot Ion:	163	Resp:	60751
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.4	7.9	11.9

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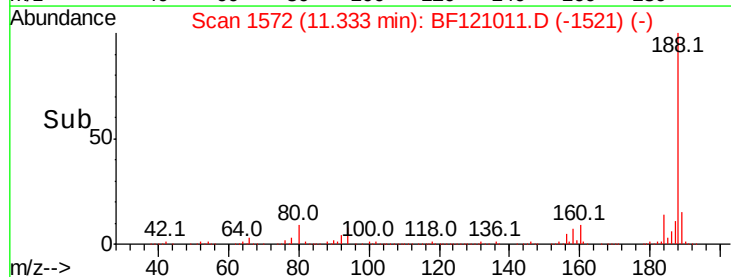
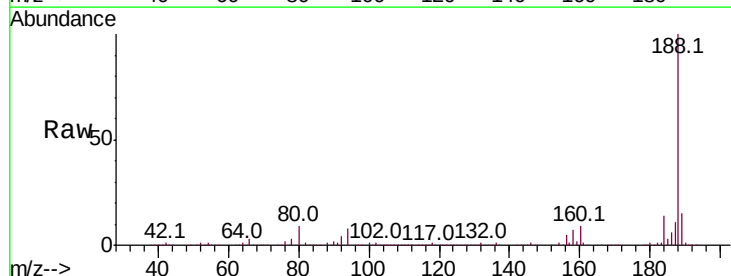
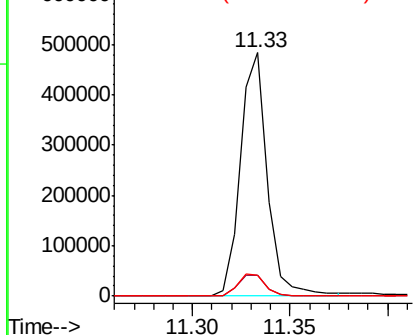
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

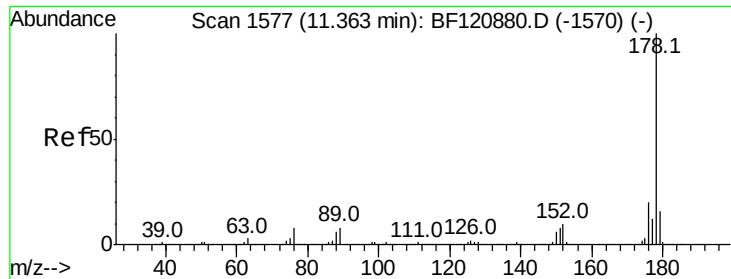


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion:	188	Resp:	462393
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.0	12.0
80	8.6	8.3	12.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 4.017 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF121011.D

Acq: 24 Jul 2020 19:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:178 Resp: 95536

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

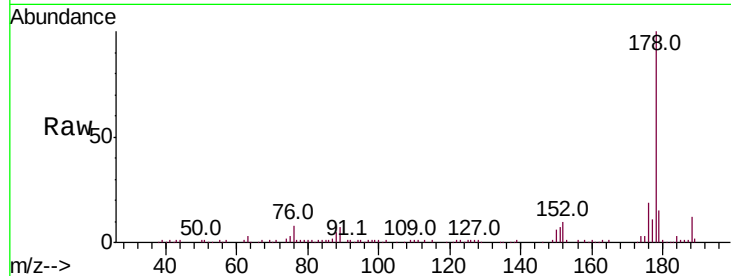
179 14.8 12.8 19.2

Manual Integrations

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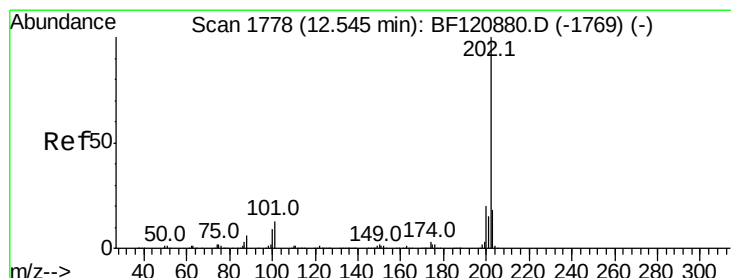
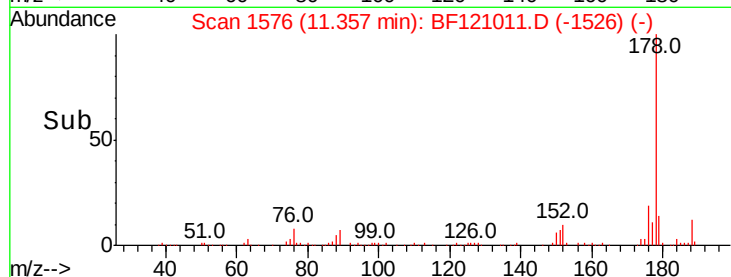
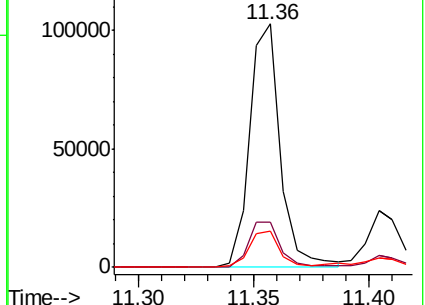
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 7.141 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF121011.D

Acq: 24 Jul 2020 19:19

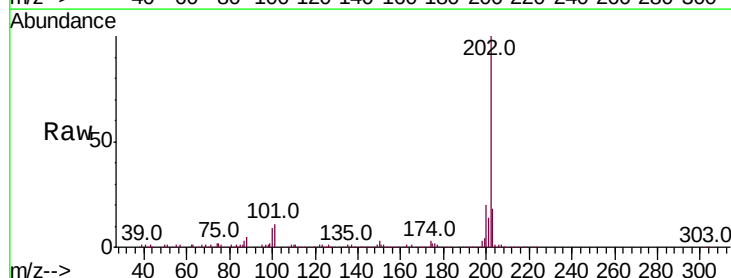
Tgt Ion:202 Resp: 188222

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.7

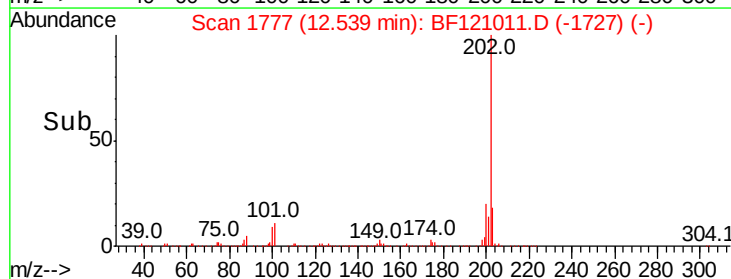
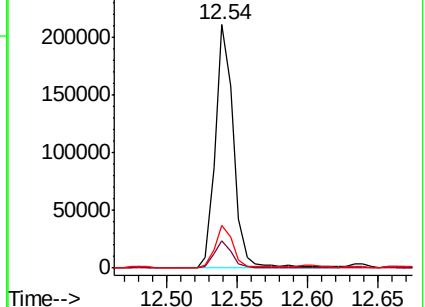
203 17.5 0.0 38.0

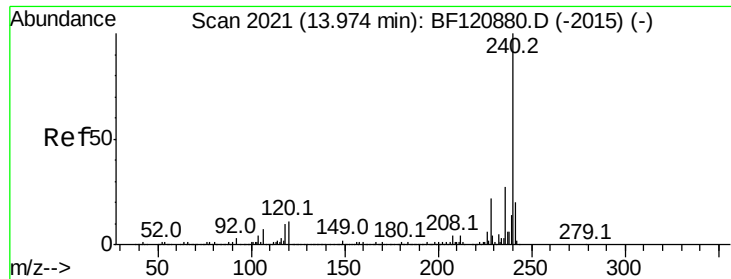


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





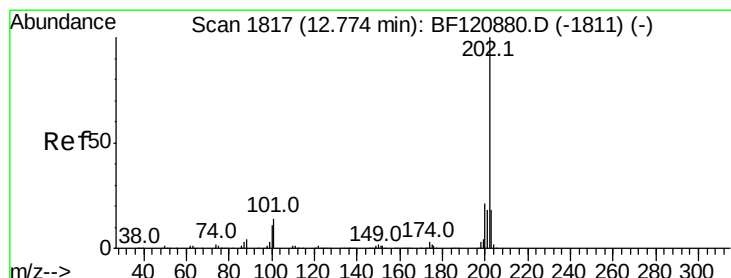
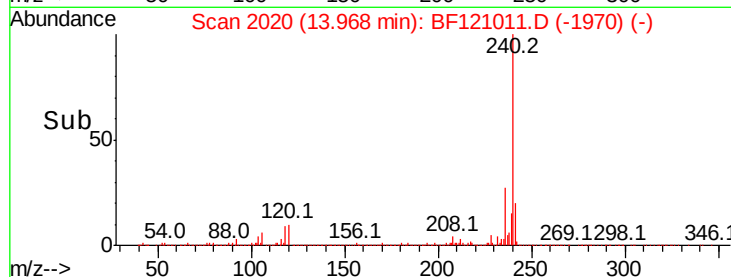
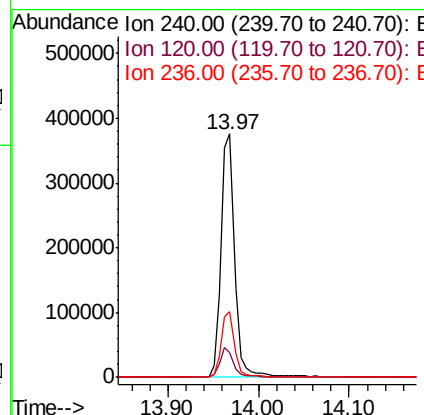
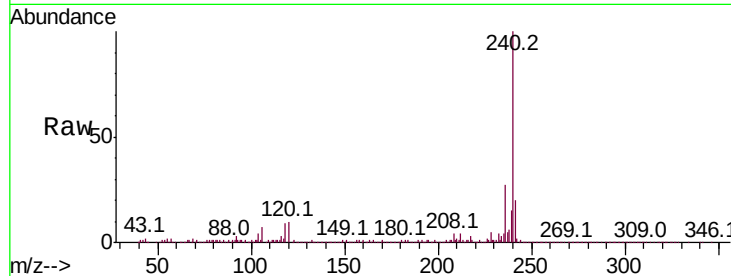
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.0	9.0	13.4	
236	26.8	21.7	32.5	

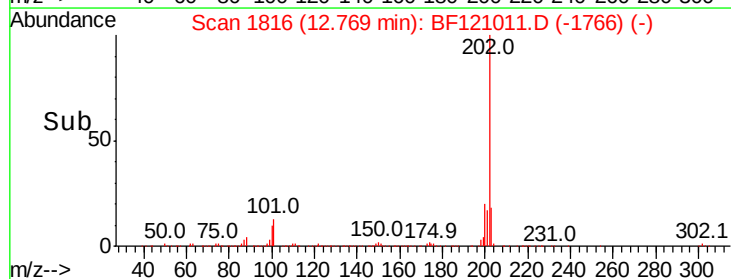
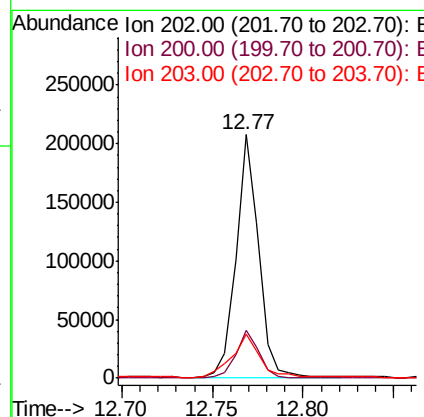
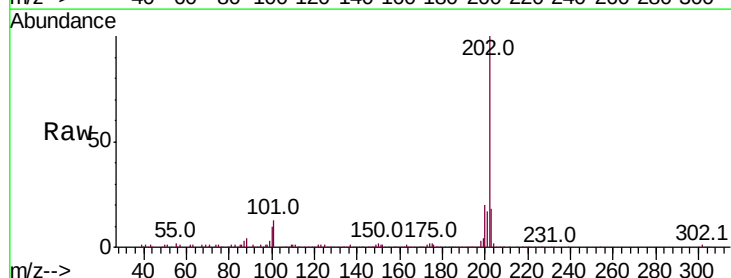
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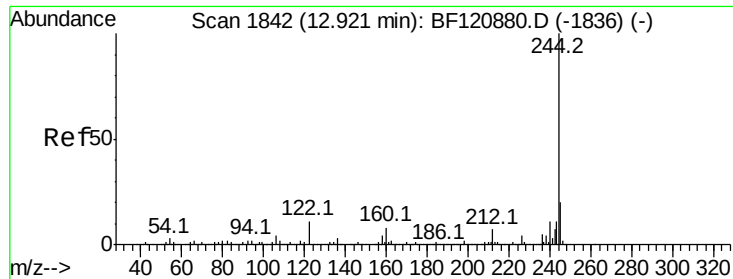
mohammad
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#78
Pyrene
Concen: 6.549 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.7	17.0	25.4	
203	18.0	14.4	21.6	





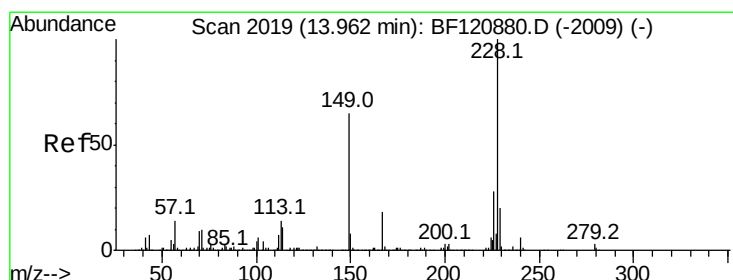
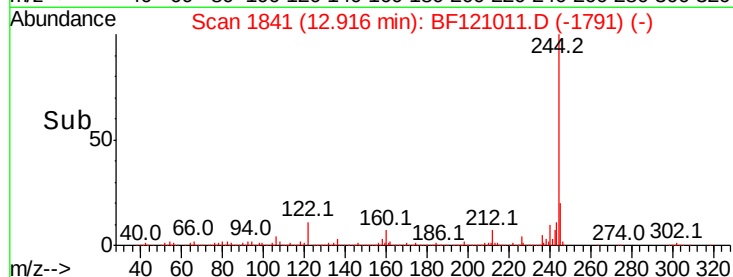
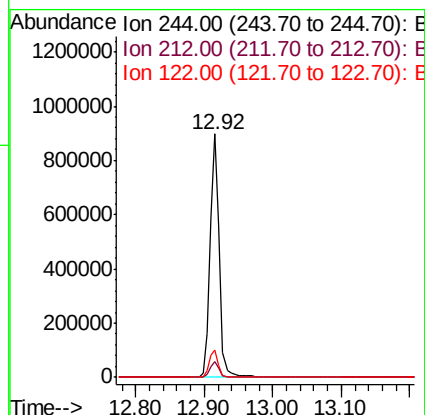
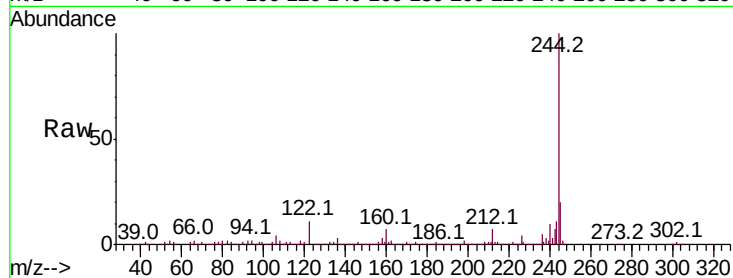
#79
Terphenyl-d14
Concen: 48.010 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.4	8.9	13.3

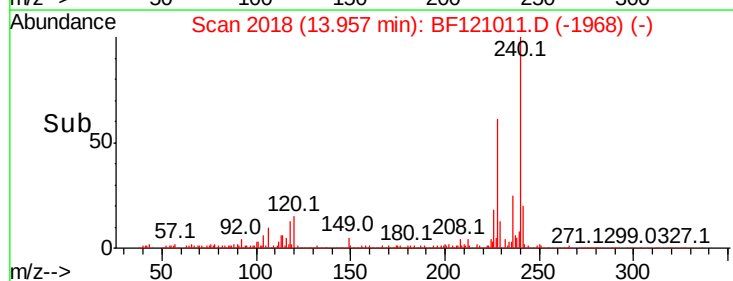
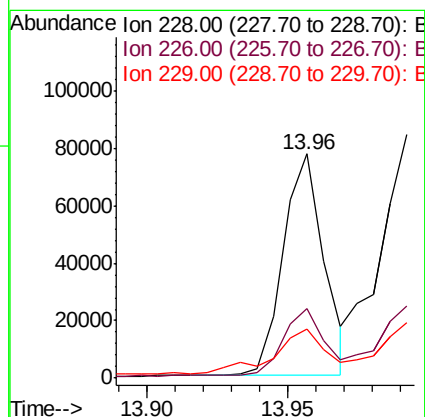
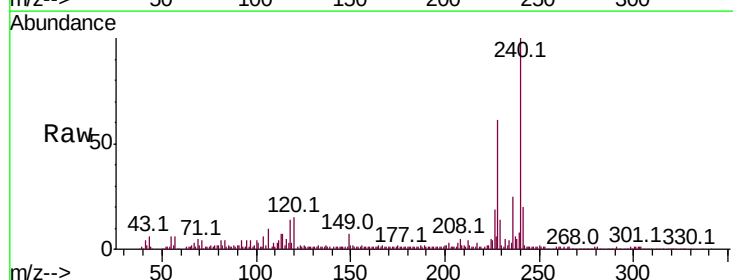
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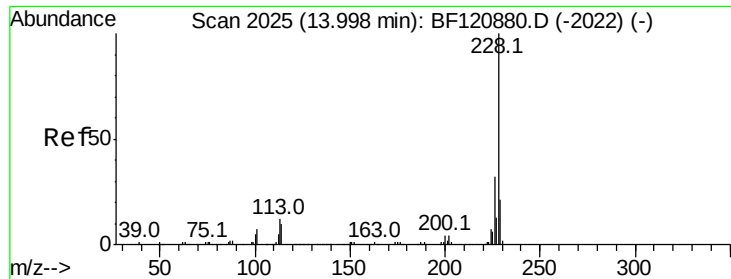
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#81
Benzo(a)anthracene
Concen: 3.277 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.3	33.5
229	22.1	16.1	24.1





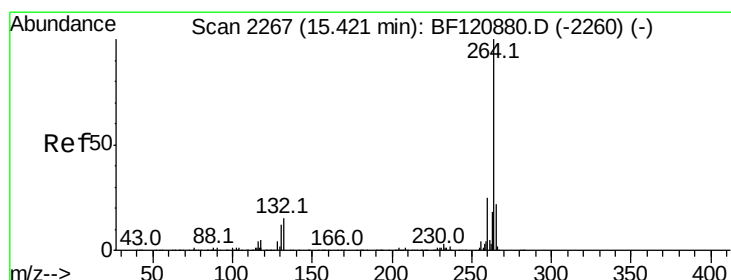
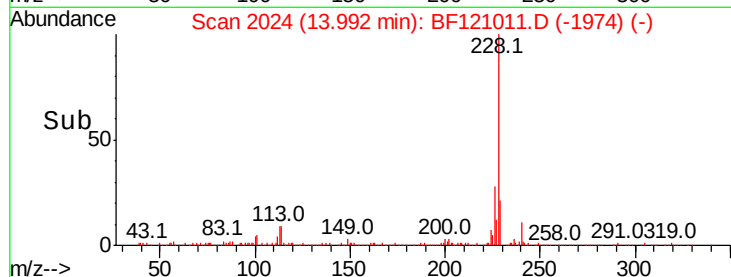
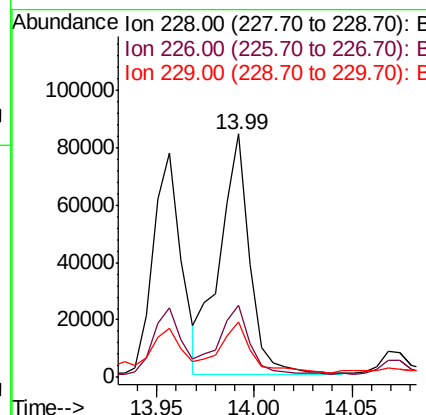
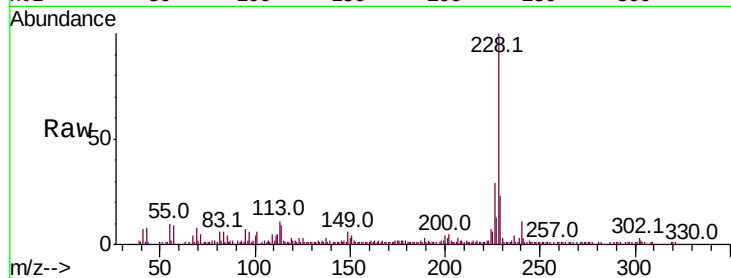
#83
Chrysene
Concen: 3.652 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225-GRID-B5

Tot Ion:	228	Resp:	90454
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.6	38.4
229	23.0	16.8	25.2

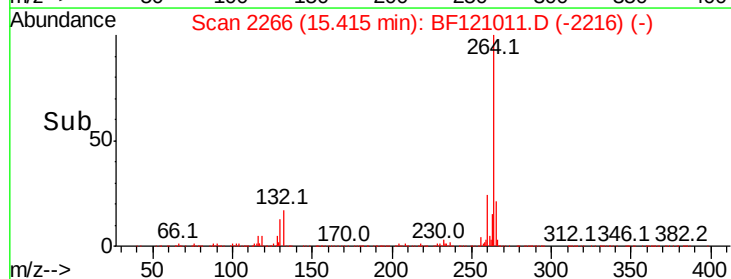
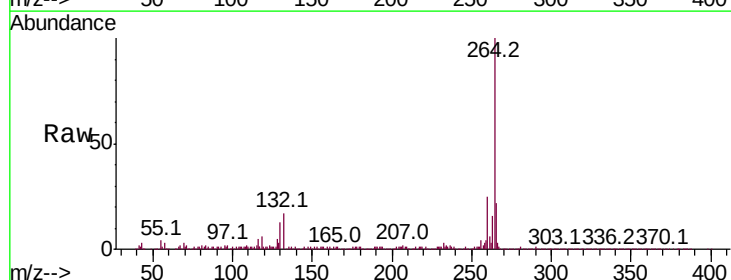
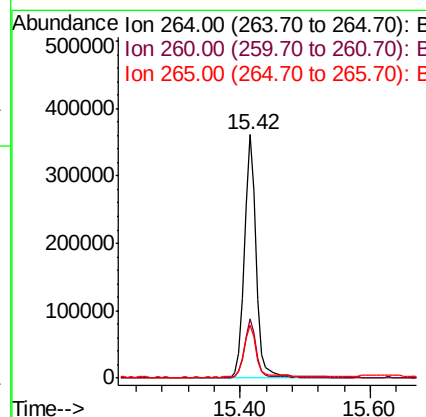
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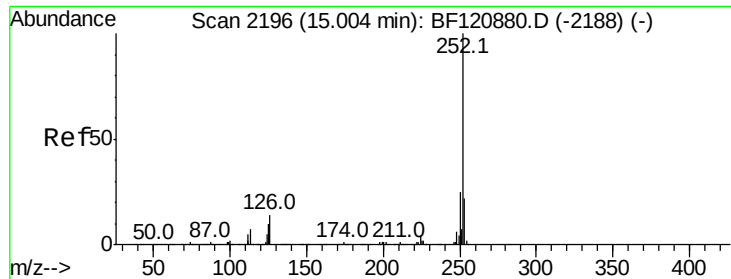
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion:	264	Resp:	450820
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.0	30.0
265	21.7	17.4	26.2





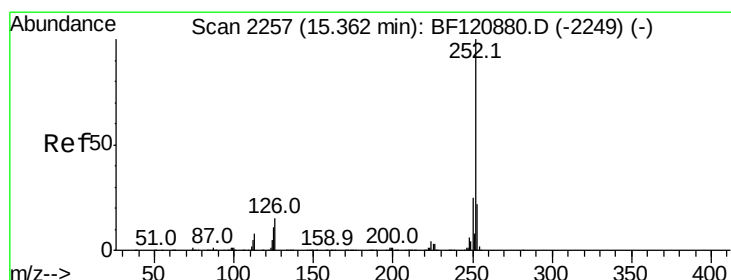
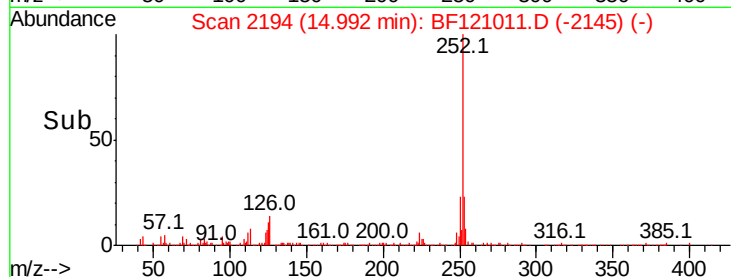
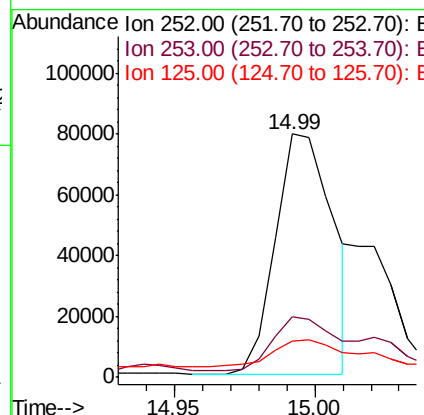
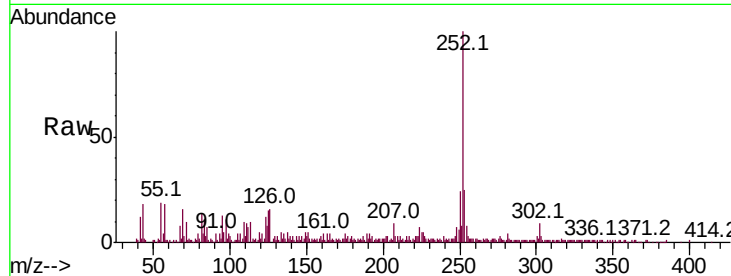
#88
Benzo(b)fluoranthene
Concen: 4.116 ng/mL
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Instrument :
BNA_F
ClientSampleID :
VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	15.0	8.3	12.5

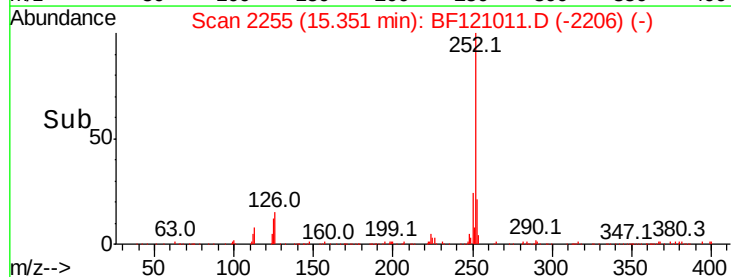
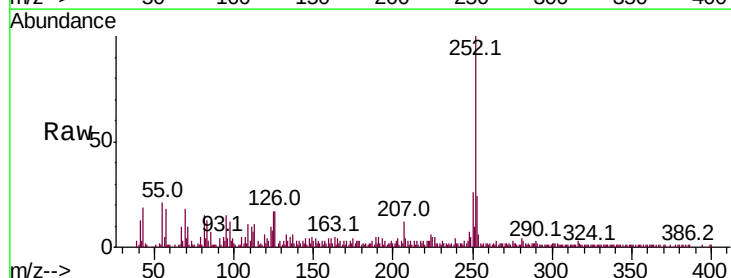
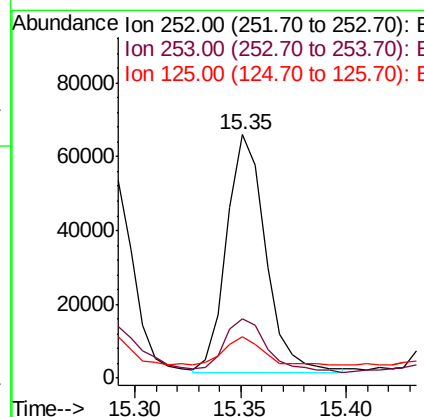
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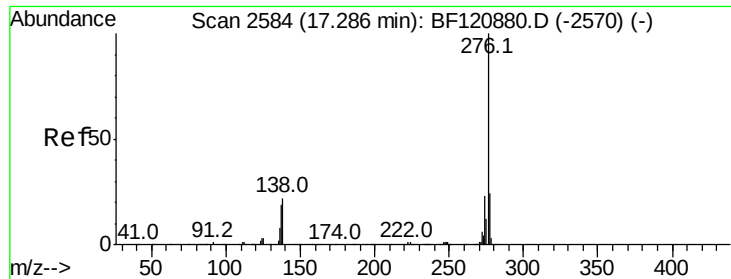
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#90
Benzo(a)pyrene
Concen: 3.335 ng/mL
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121011.D
Acq: 24 Jul 2020 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	17.2	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.060 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BF121011.D
 Acq: 24 Jul 2020 19:19

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-GRID-B5

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	18.8	28.2#
138	24.1	17.5	26.3

Manual Integrations
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