

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114535.D
 Acq On : 23 May 2019 20:42
 Operator : JU/SJ
 Sample : K2971-17RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2C-C-1-052019RE

Manual Integrations
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Quant Time: May 24 07:51:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	177869	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	705442	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	342975	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	719311	20.00	ng	0.00
76) Chrysene-d12	13.98	240	605235	20.00	ng	0.00
87) Perylene-d12	15.44	264	595987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	486741	44.04	ng	0.00
7) Phenol-d6	6.45	99	688188	52.64	ng	-0.01
23) Nitrobenzene-d5	7.37	82	393426	31.30	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	175445	49.48	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	750533	33.10	ng	0.00
79) Terphenyl-d14	12.92	244	874530	29.79	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.56	163	109678	4.356	ng	99
71) Phenanthrene	11.36	178	202330	5.782	ng	98
75) Fluoranthene	12.55	202	381187	10.115	ng	98
78) Pyrene	12.78	202	317303	6.517	ng	97
81) Benzo(a)anthracene	13.97	228	157288	4.018	ng	98
83) Chrysene	14.00	228	123881	3.228	ng	98
88) Benzo(b)fluoranthene	15.02	252	145869m	3.820	ng	
90) Benzo(a)pyrene	15.38	252	107306	3.193	ng	99

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

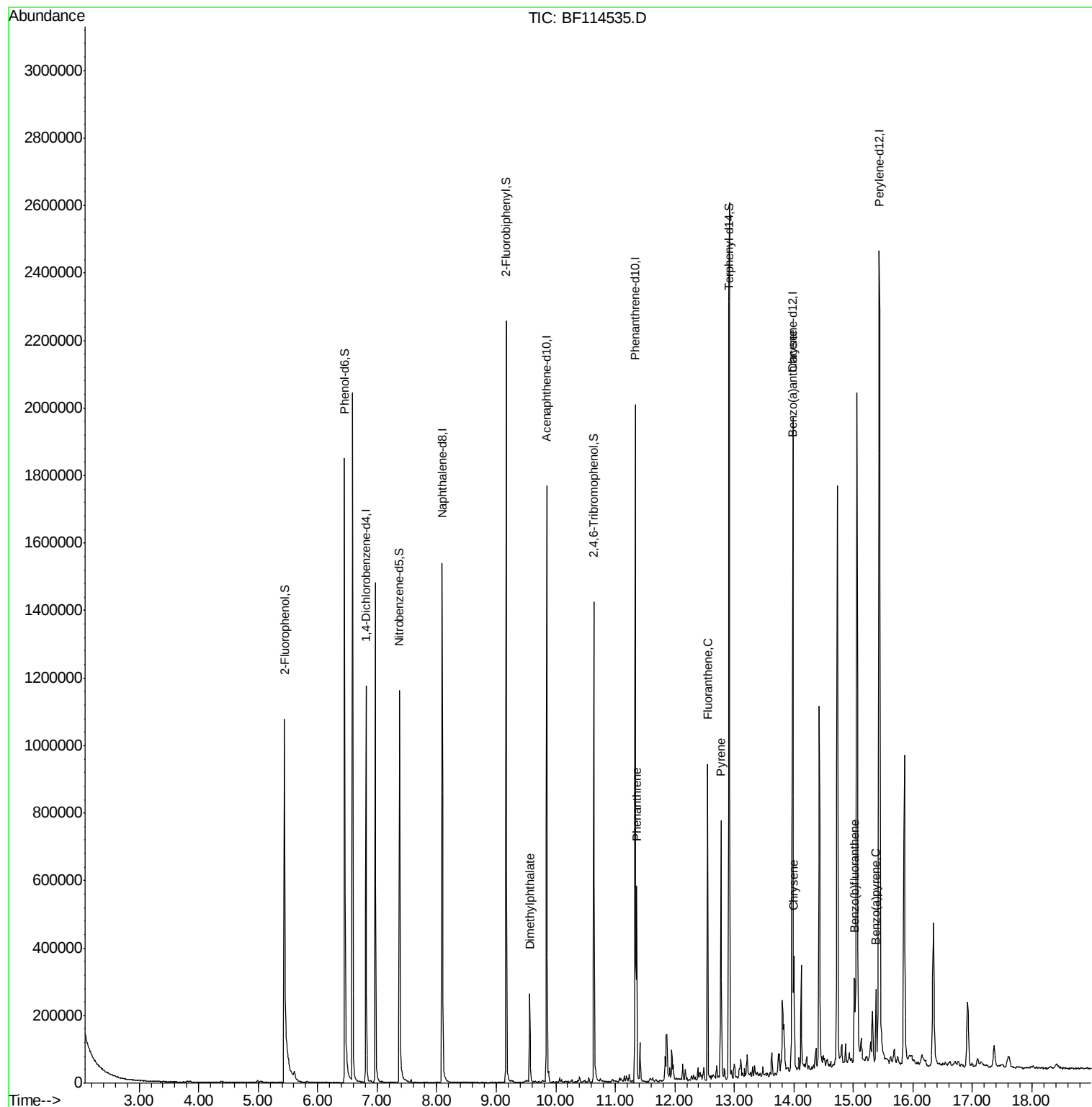
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114535.D
Acq On : 23 May 2019 20:42
Operator : JU/SJ
Sample : K2971-17RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

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Quant Time: May 24 07:51:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration





#1

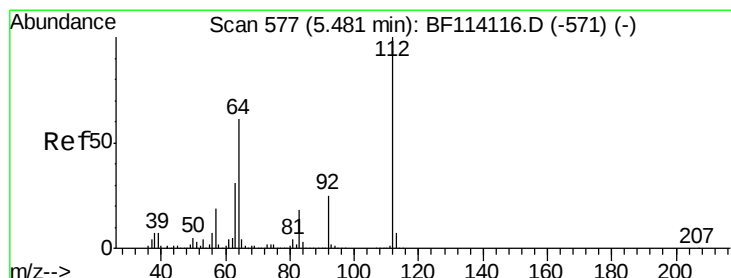
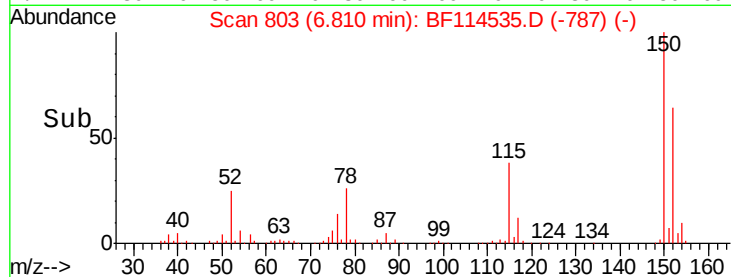
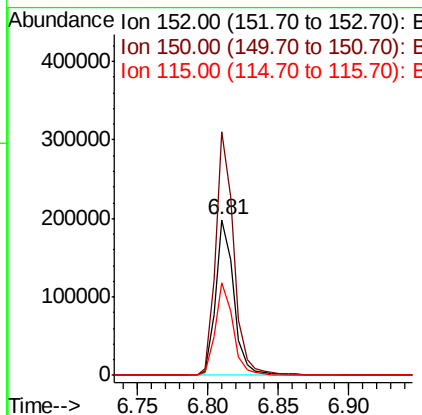
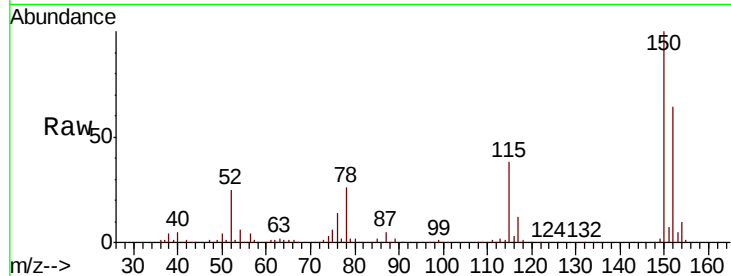
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	59.0	49.1	73.7

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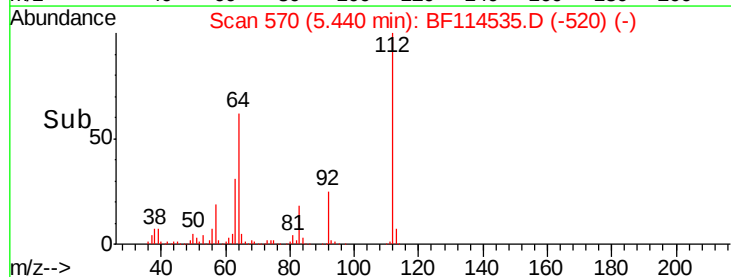
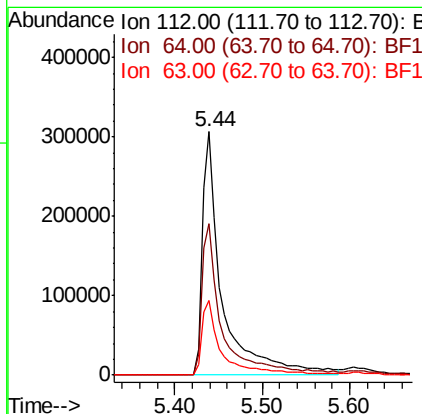
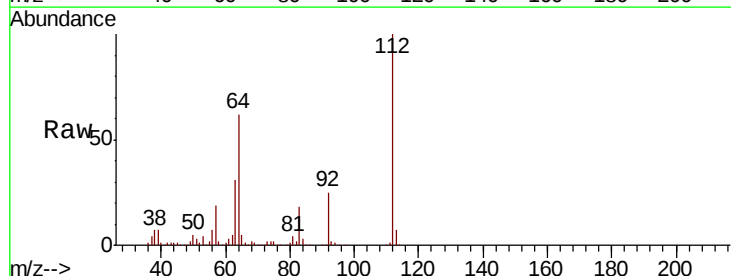
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#5

2-Fluorophenol
Concen: 44.038 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.0	73.6
63	30.7	24.6	37.0





#7

Phenol-d6

Concen: 52.644 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114535.D

Acq: 23 May 2019 20:42

Instrument :

BNA_F

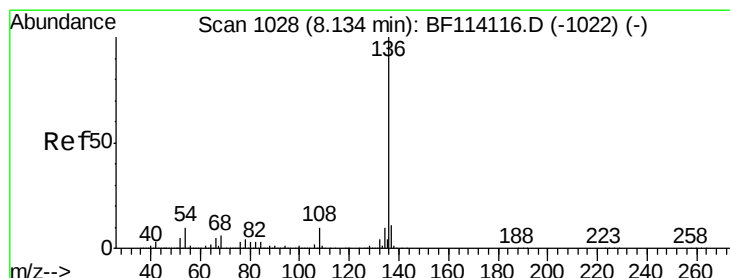
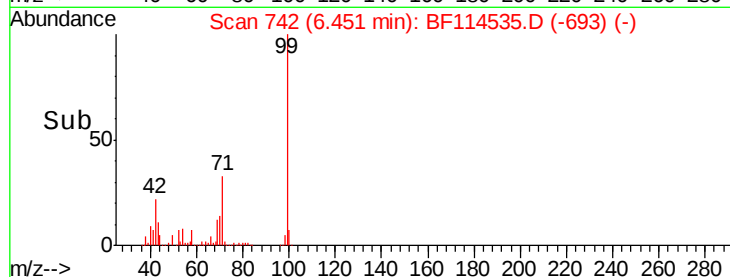
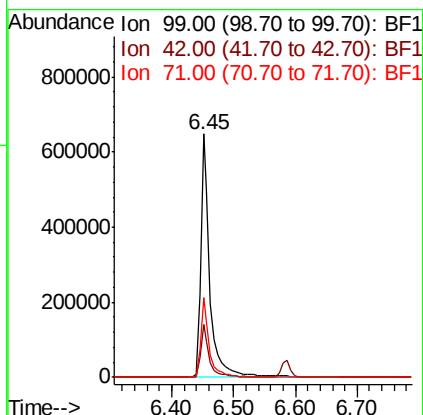
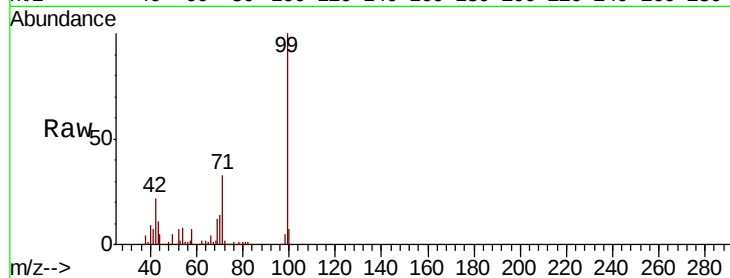
ClientSampleId :

SUP-2C-C-1-052019RE

Tot Ion:	99	Resp:	688188
Ion Ratio	Lower	Upper	
99	100		
42	21.8	17.9	26.9
71	32.5	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

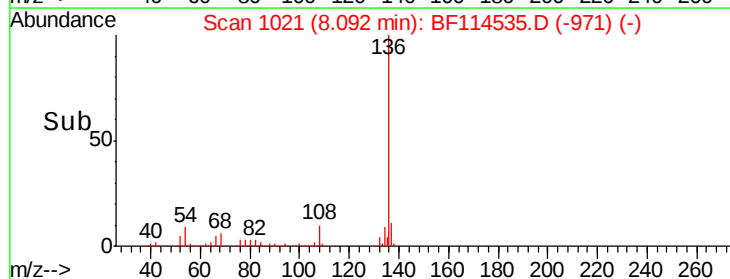
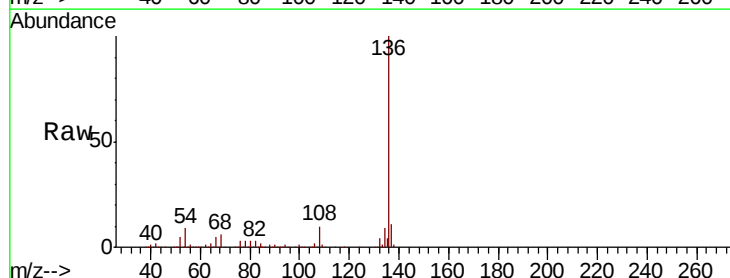
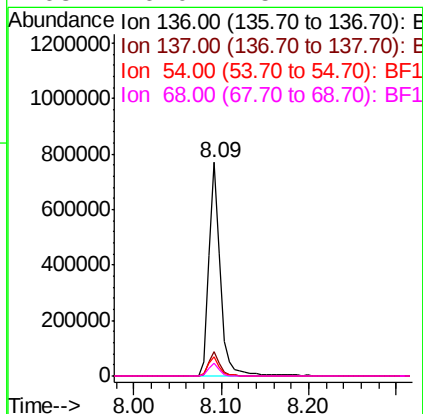
RT: 8.09 min Scan# 1021

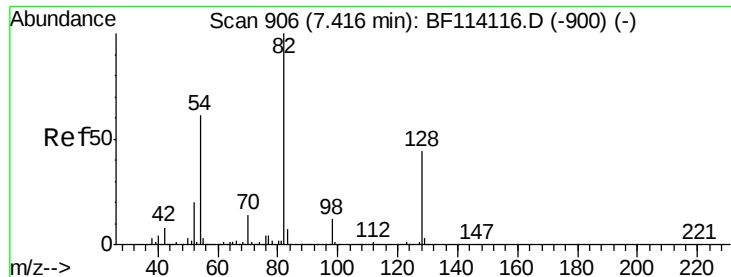
Delta R.T. -0.01 min

Lab File: BF114535.D

Acq: 23 May 2019 20:42

Tgt Ion:	136	Resp:	705442
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.8	7.8	11.8
68	6.0	5.1	7.7





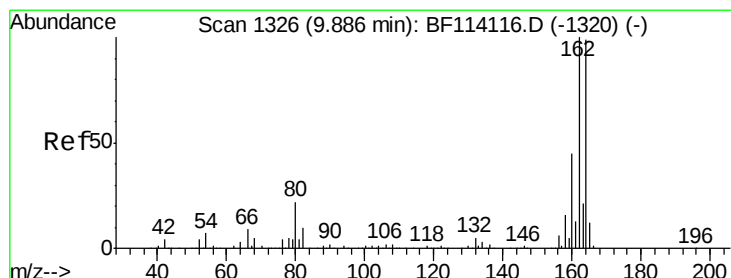
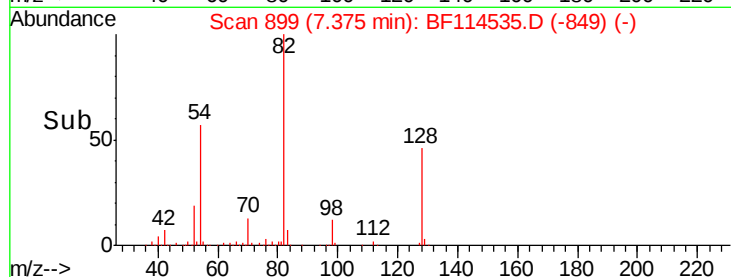
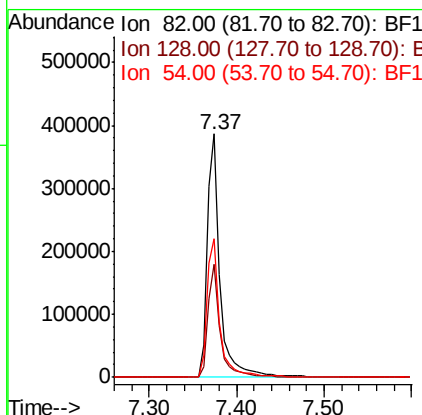
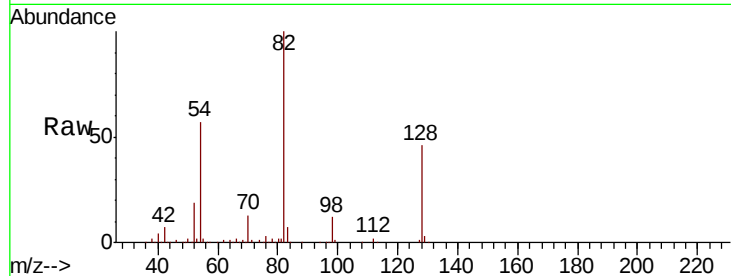
#23
 Nitrobenzene-d5
 Concen: 31.298 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleID :
 SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.5	53.3
54	57.0	48.5	72.7

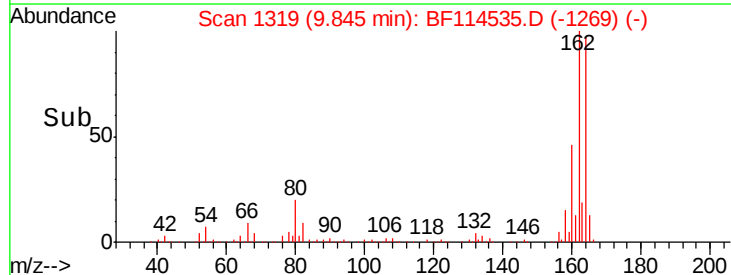
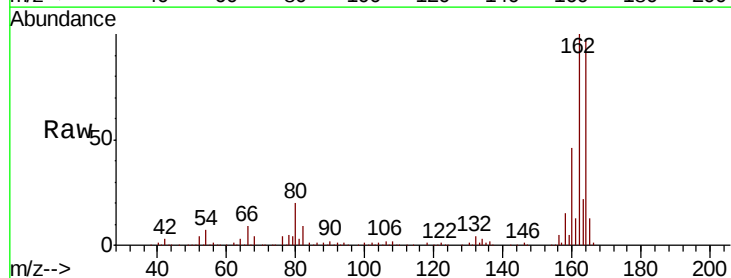
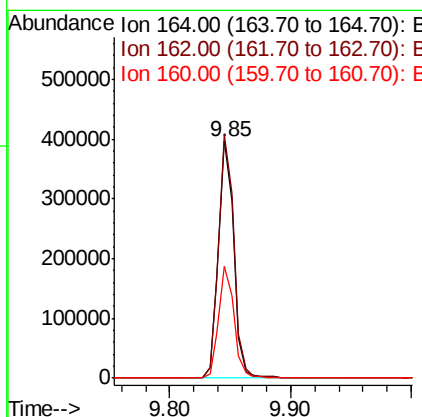
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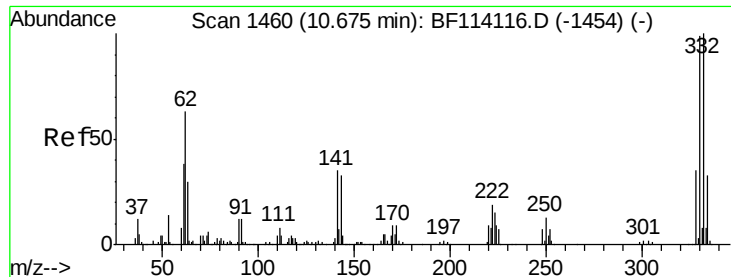
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	47.3	36.5	54.7





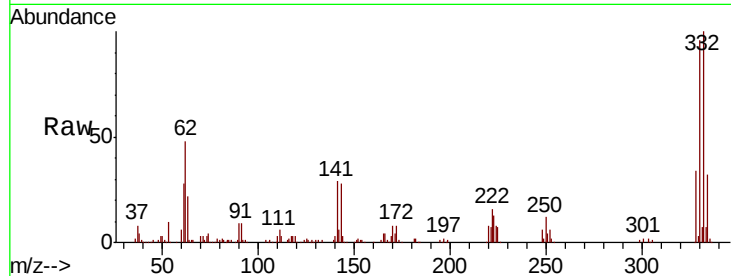
#42
 2,4,6-Tribromophenol
 Concen: 49.480 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2C-C-1-052019RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175445		
332	102.8	81.4	122.2	
141	34.6	26.6	40.0	

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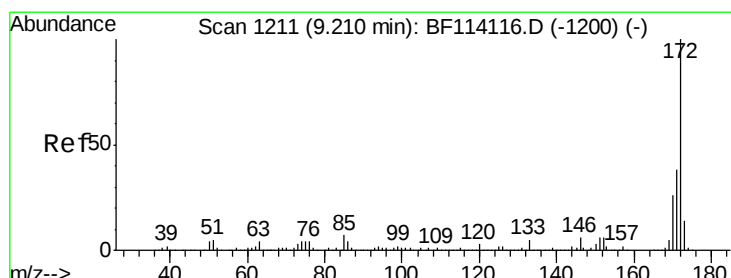
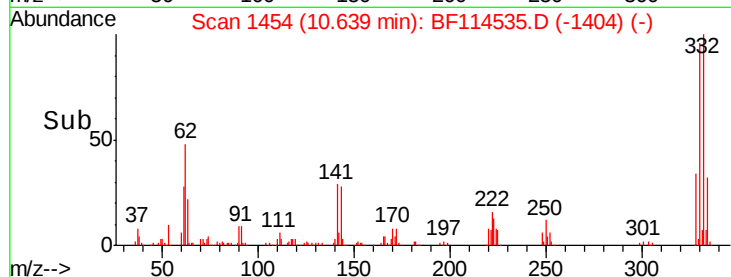
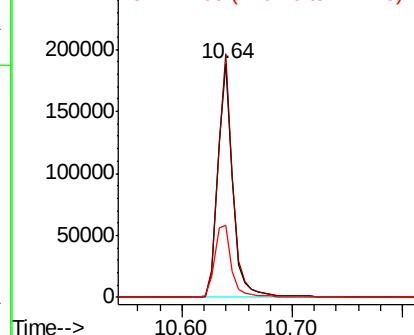


Abundance

Ion 329.80 (329.50 to 330.50): E

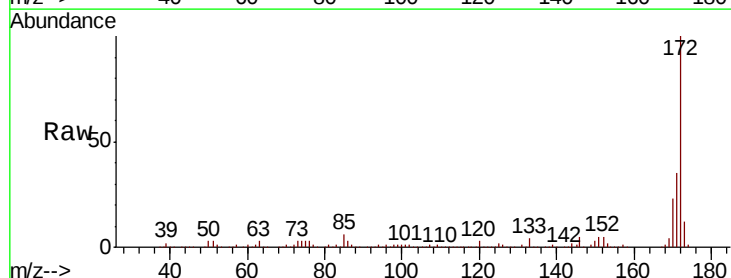
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 33.102 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	750533		
171	34.9	30.7	46.1	
170	23.2	20.5	30.7	

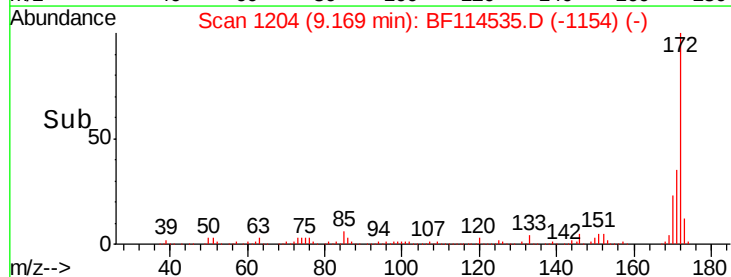
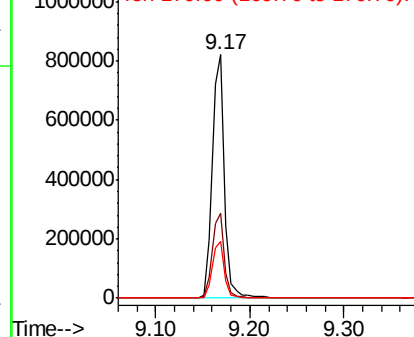


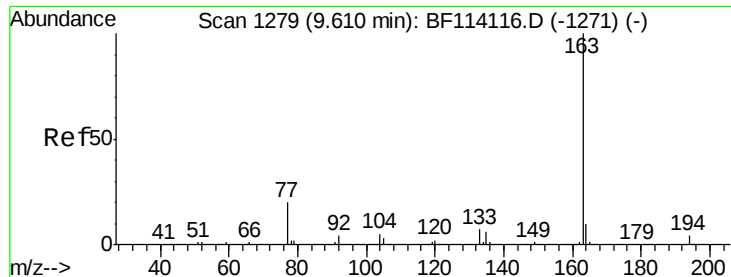
Abundance

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





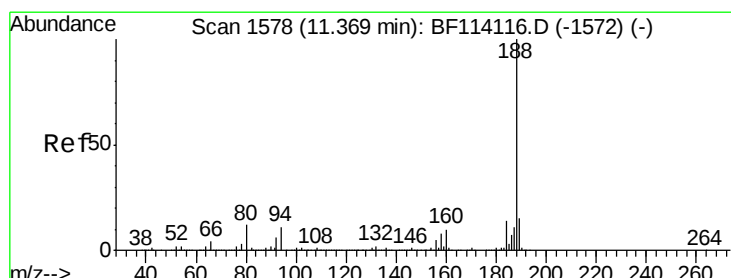
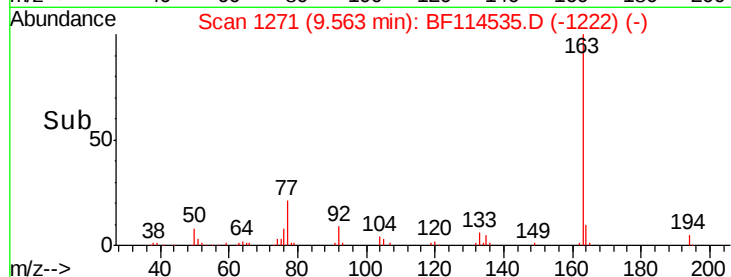
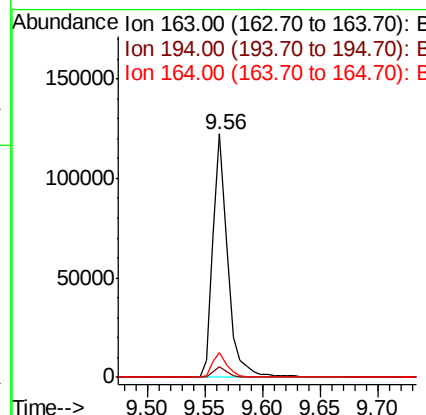
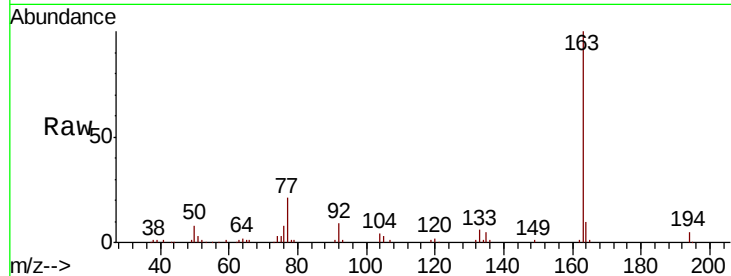
#50
Dimethylphthalate
Concen: 4.356 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	109678		
194	4.5		3.4	5.0
164	10.4		8.2	12.2

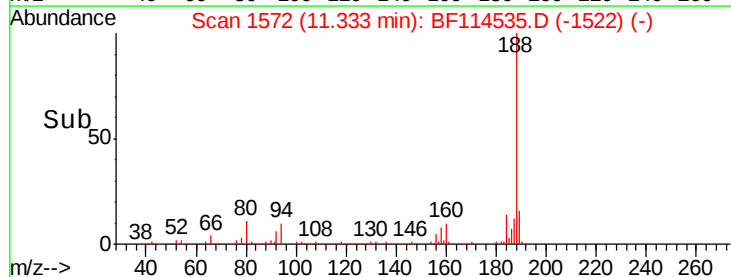
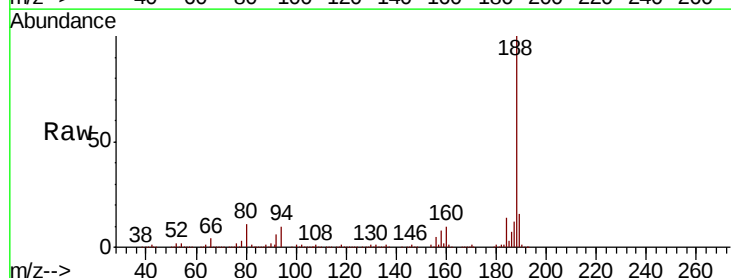
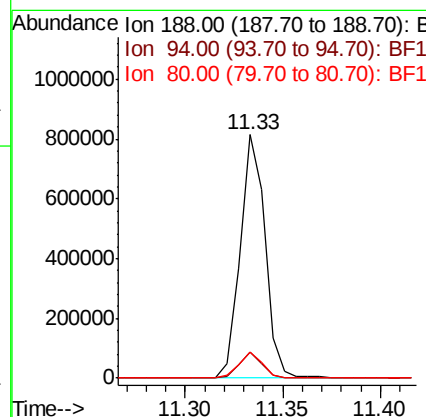
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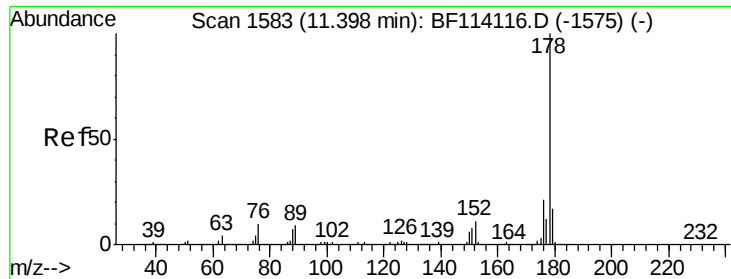
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	719311		
94	10.4		8.4	12.6
80	10.7		9.2	13.8





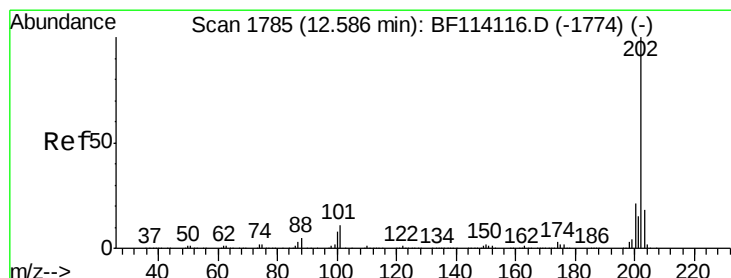
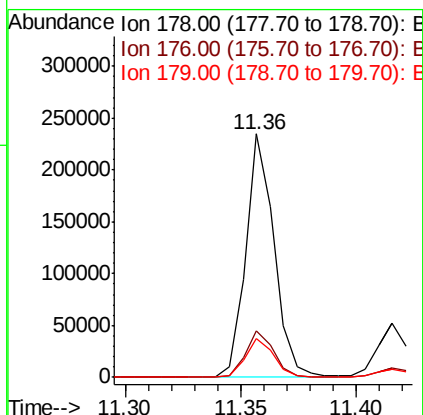
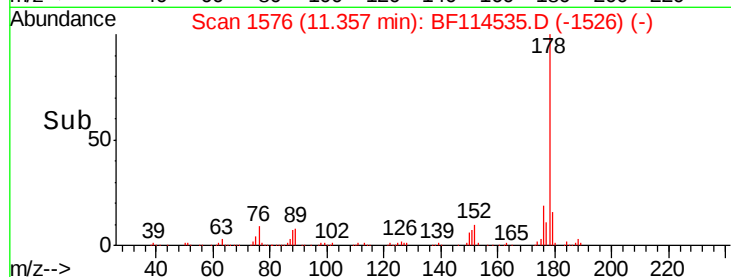
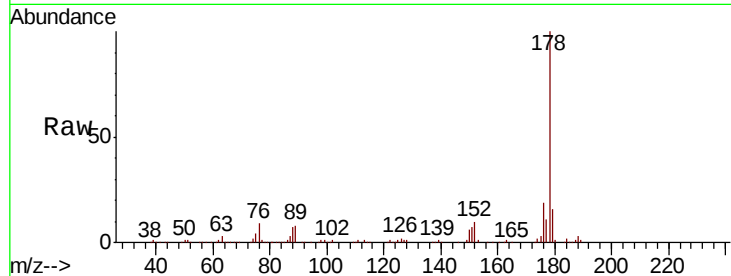
#71
Phenanthrene
Concen: 5.782 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.4	24.6
179	15.9	13.2	19.8

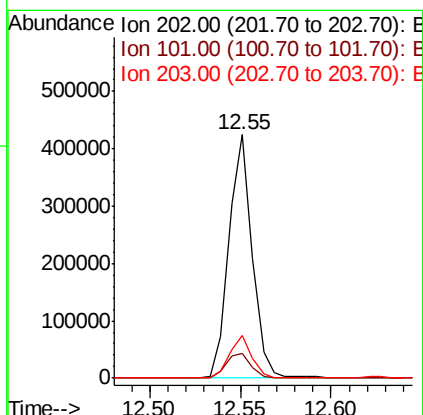
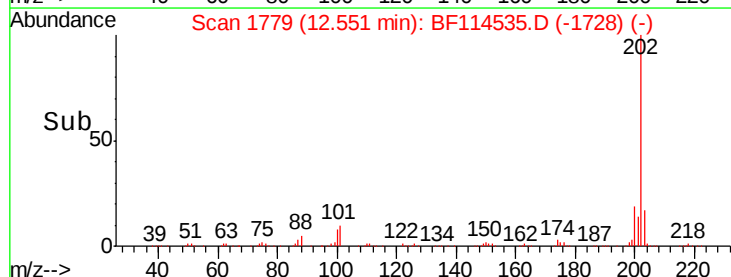
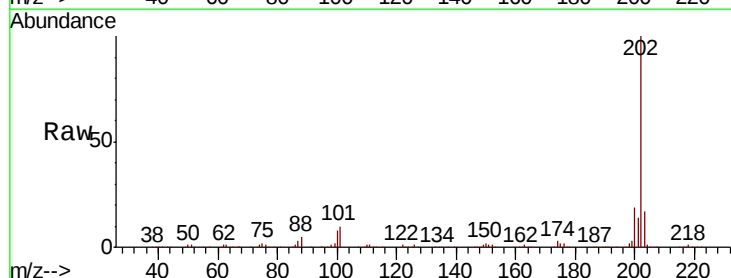
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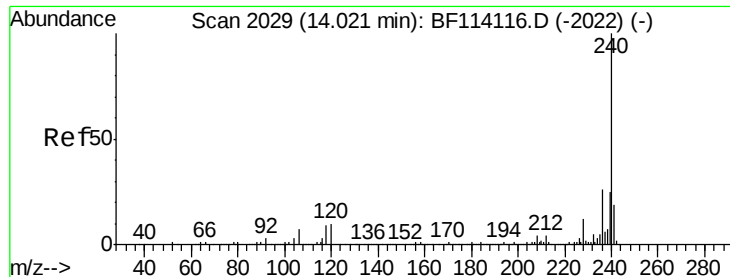
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#75
Fluoranthene
Concen: 10.115 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.0
203	17.3	0.0	38.4





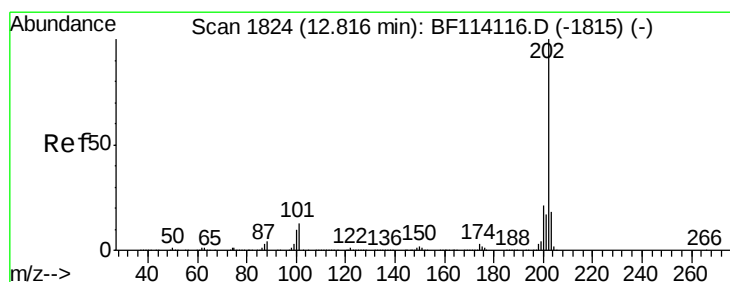
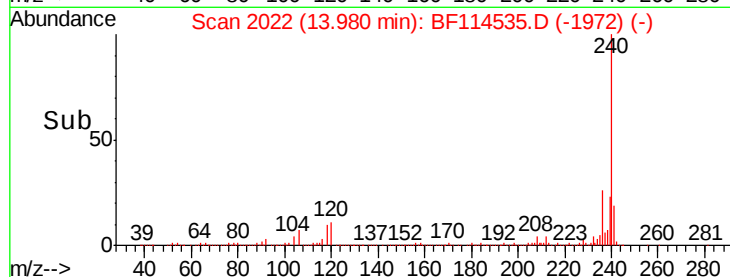
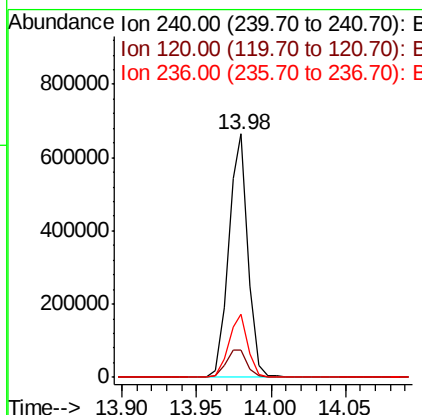
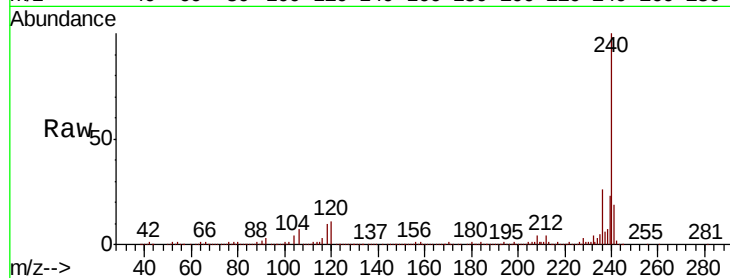
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.7	20.8	31.2

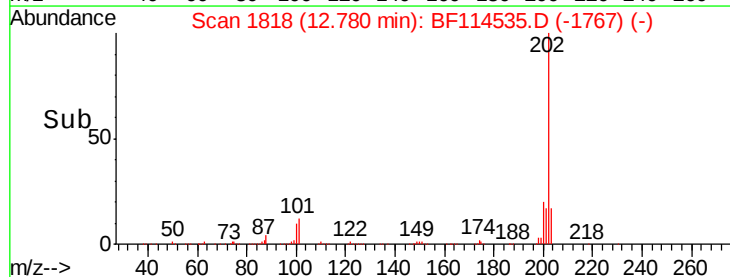
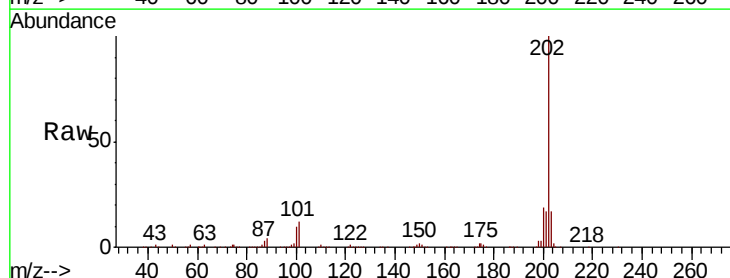
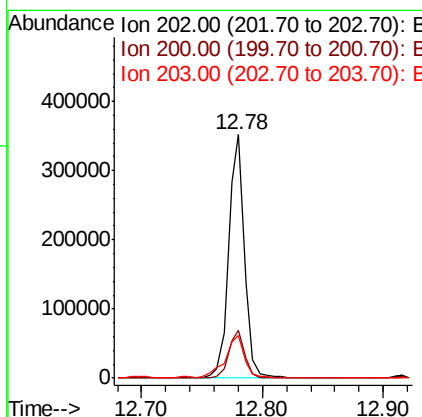
Manual Integrations
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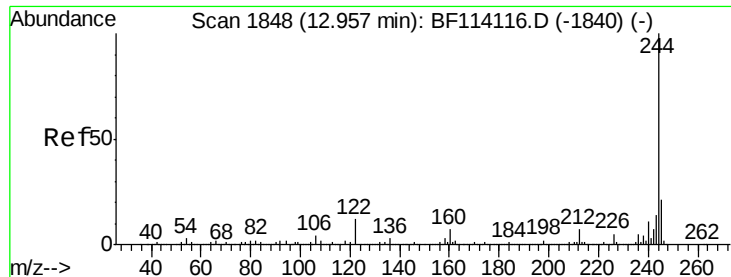
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#78
Pyrene
Concen: 6.517 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.3	14.5	21.7





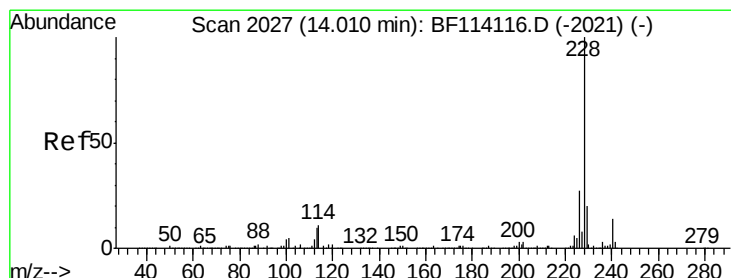
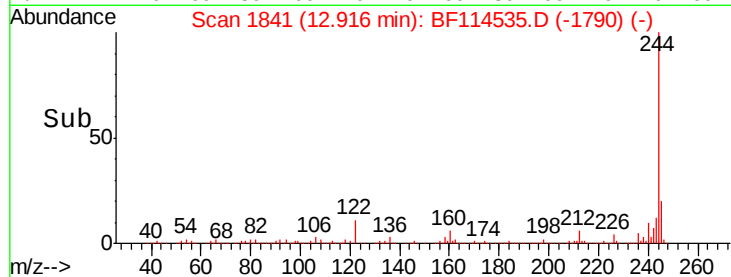
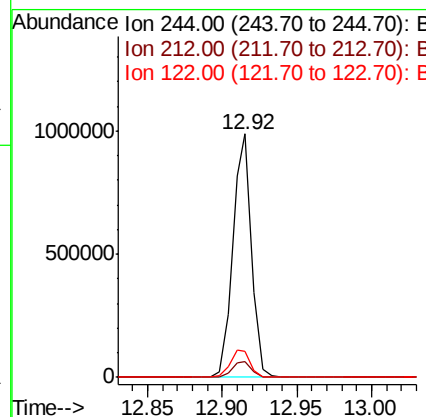
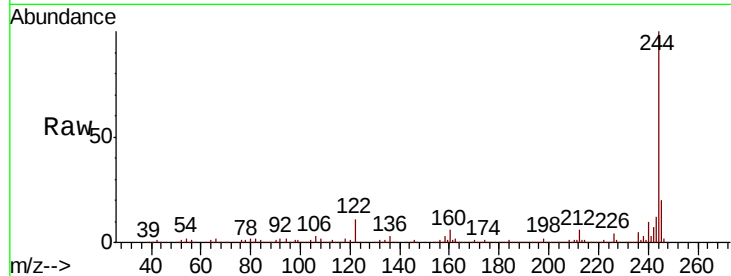
#79
 Terphenyl-d14
 Concen: 29.787 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	10.8	9.4	14.2

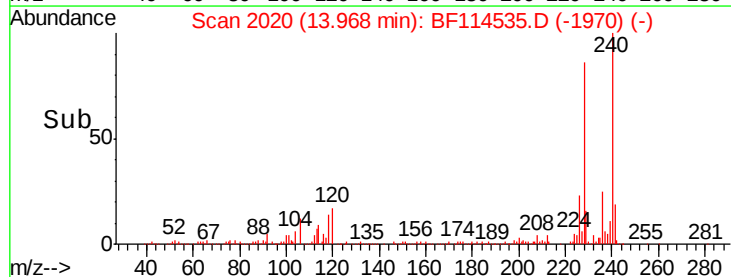
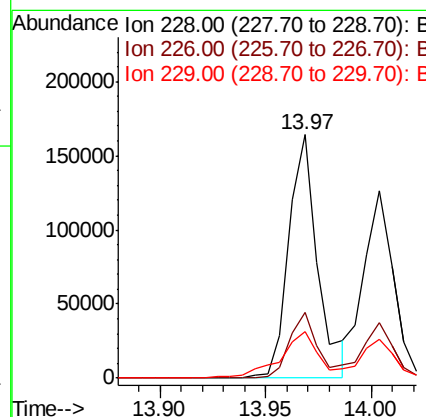
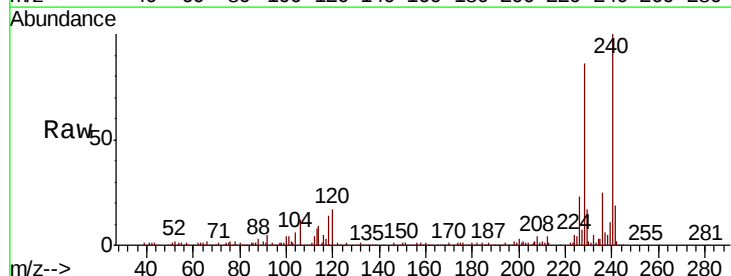
Manual Integrations
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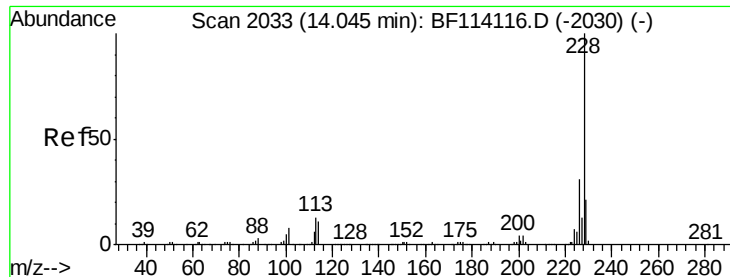
mohammad
 5/24/2019 1:36:31 PM



#81
 Benzo(a)anthracene
 Concen: 4.018 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF114535.D
 Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	19.3	16.4	24.6





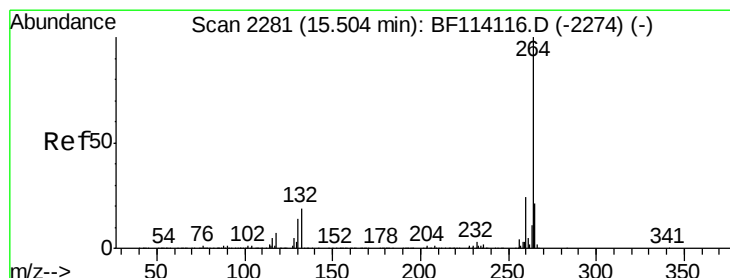
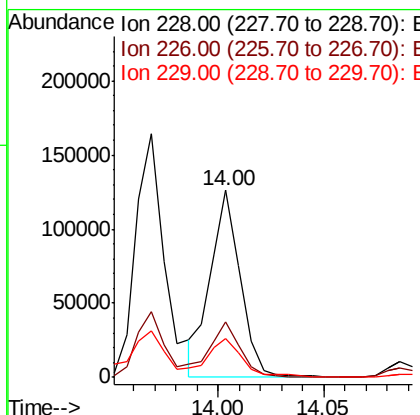
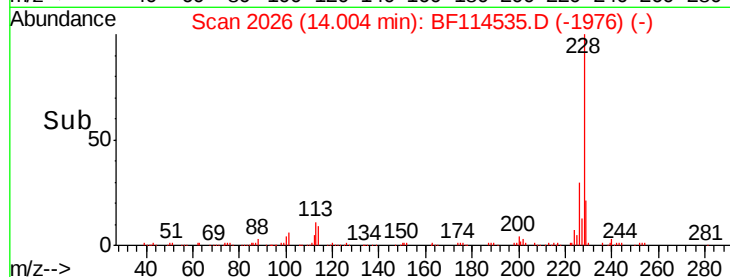
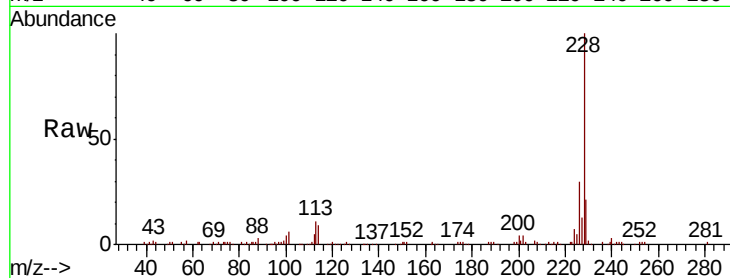
#83
Chrysene
Concen: 3.228 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion:	228	Resp:	123881
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	20.7	17.0	25.6

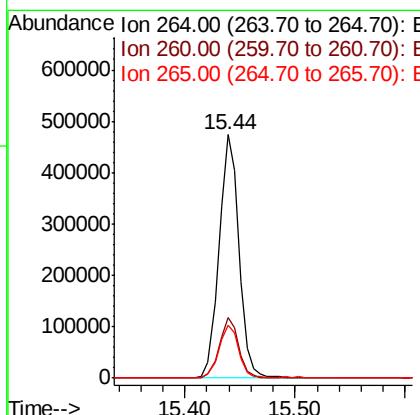
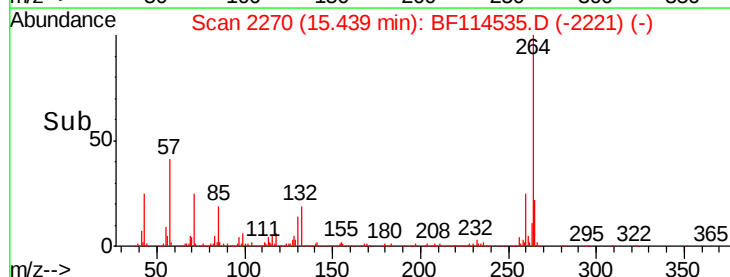
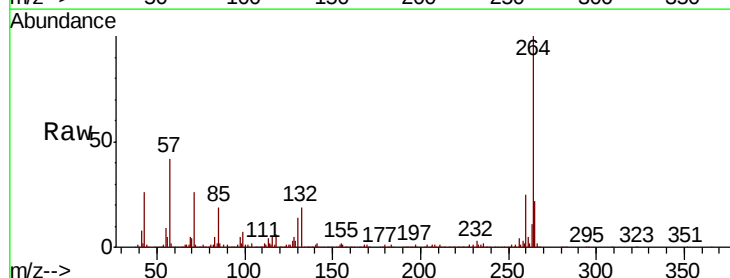
Manual Integrations
APPROVED

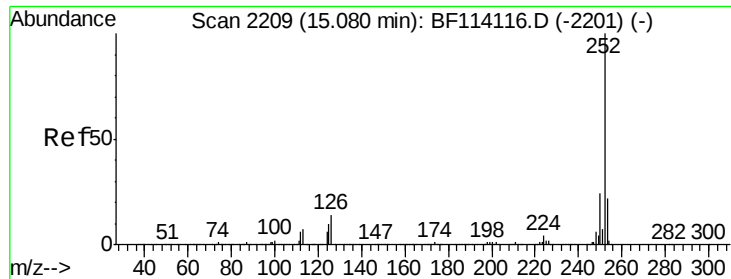
mohammad
5/24/2019 1:36:31 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion:	264	Resp:	595987
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.0
265	22.0	16.9	25.3





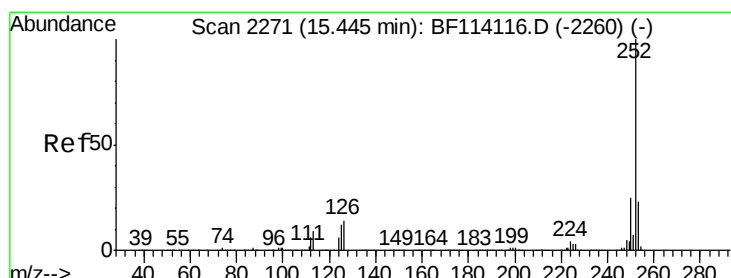
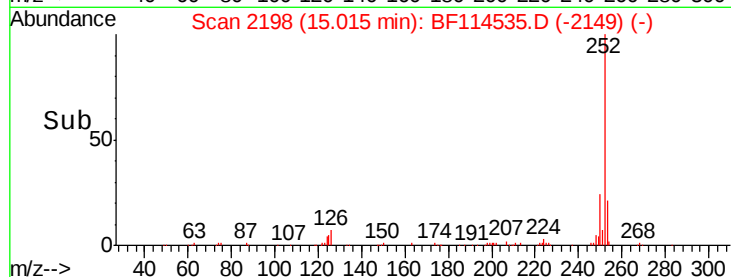
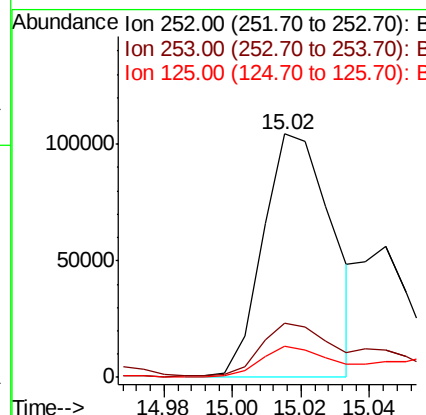
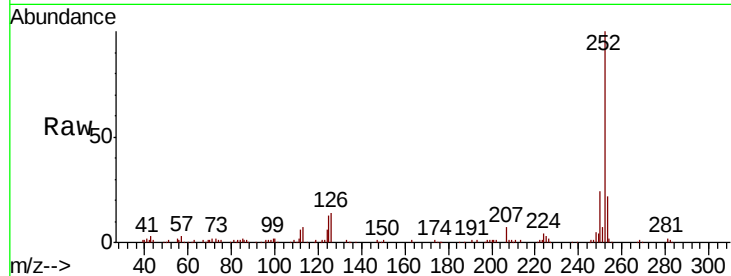
#88
Benzo(b)fluoranthene
Concen: 3.820 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SUP-2C-C-1-052019RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.7	8.3	12.5

Manual Integrations
APPROVED

mohammad
5/24/2019 1:36:31 PM



#90
Benzo(a)pyrene
Concen: 3.193 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF114535.D
Acq: 23 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.6	9.5	14.3

