Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128667.D
Acq On : 03 Jun 2022 05:37
Operator : CG\JU
Sample : N2990-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Quant Time: Jun 03 05:58:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109823	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	398601	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	201208	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	306299	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	184763	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	619841	89.899	ng	0.00
7) Phenol-d6	6.487	99	807475	95.942	ng	-0.01
23) Nitrobenzene-d5	7.386	82	578046	67.519	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	212753	89.491	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1088149	75.756	ng	0.00
79) Terphenyl-d14	12.939	244	781544	73.502	ng	0.00
Target Compounds						Qvalue

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

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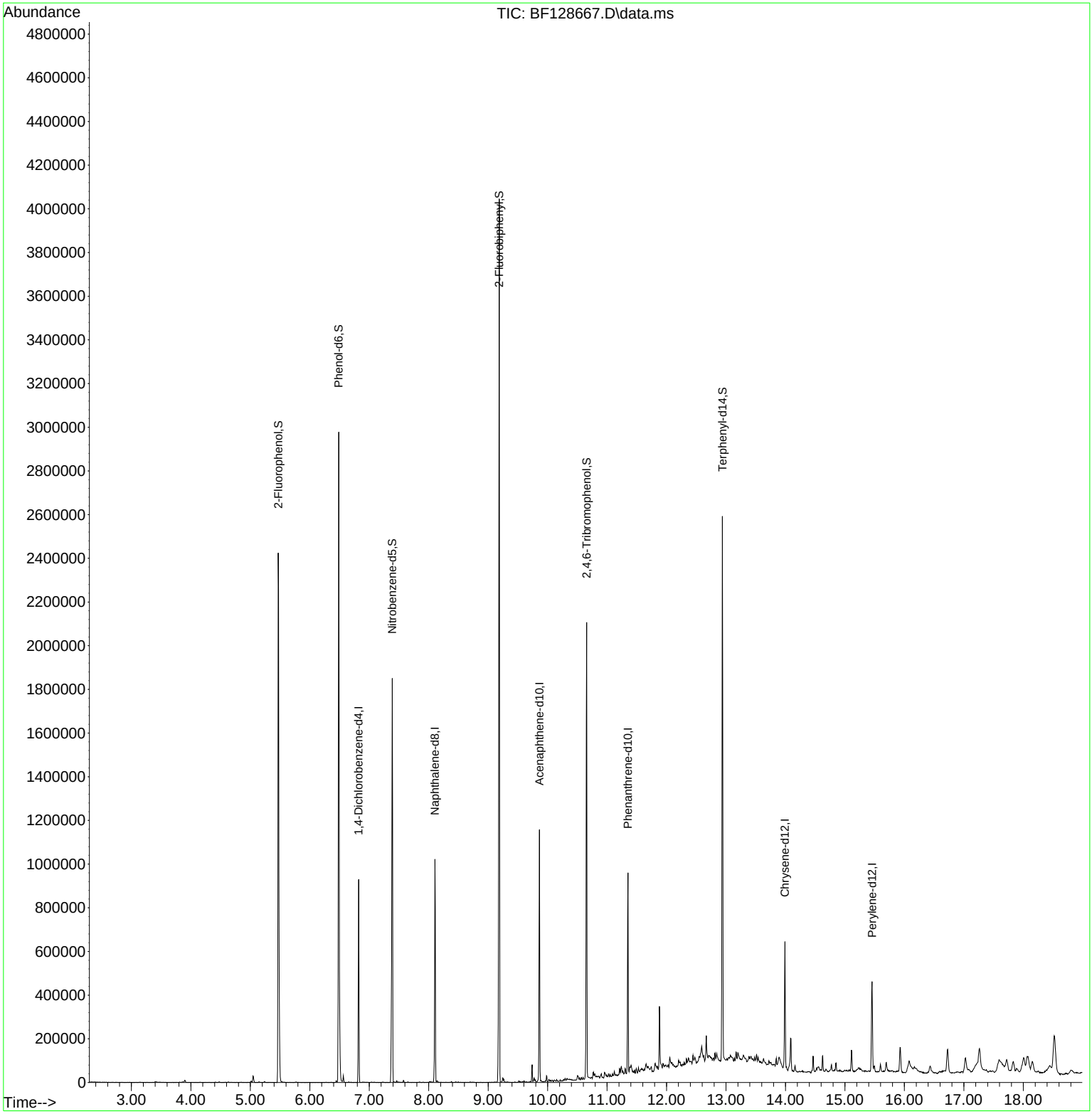
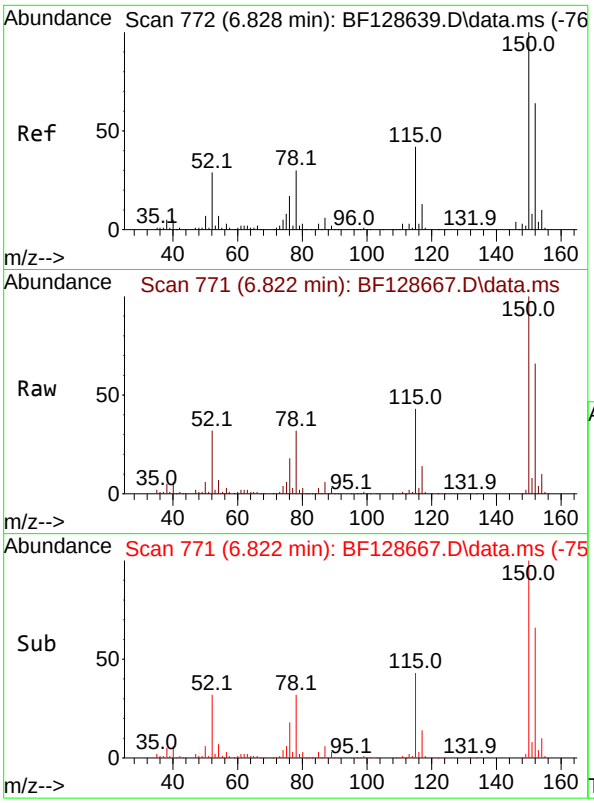


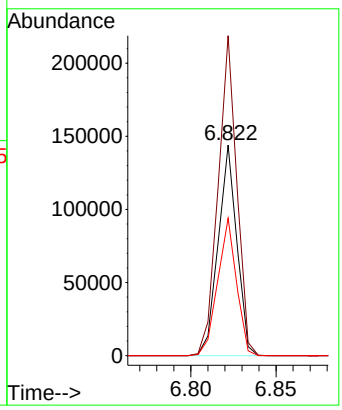


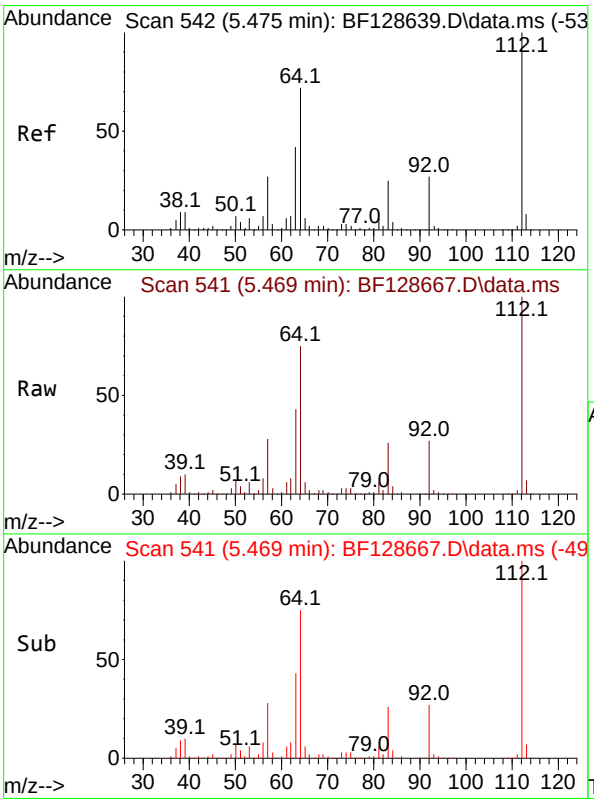
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion:152 Resp: 109823

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.7	185.5
115	65.3	49.9	74.9

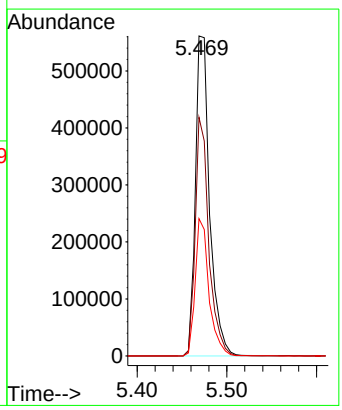


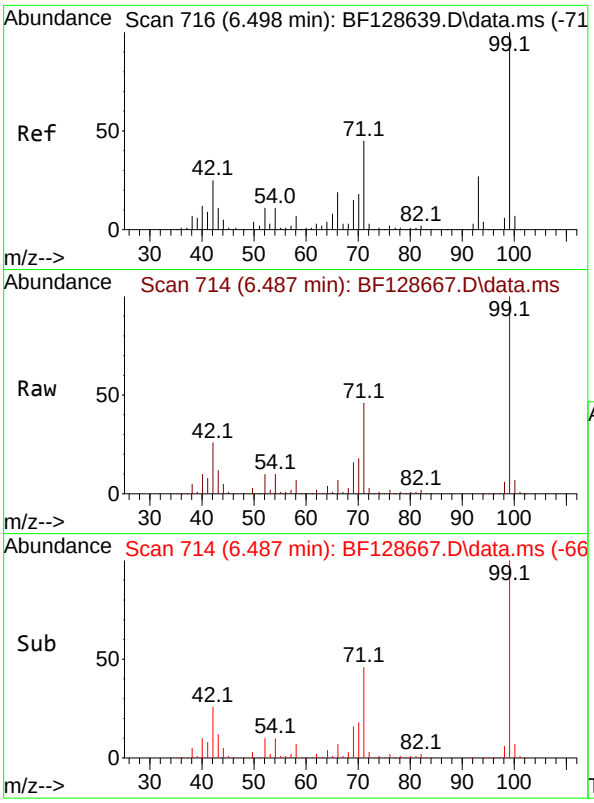


#5
2-Fluorophenol
Concen: 89.899 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:112 Resp: 619841

Ion	Ratio	Lower	Upper
112	100		
64	74.6	53.3	79.9
63	42.9	28.0	42.0#



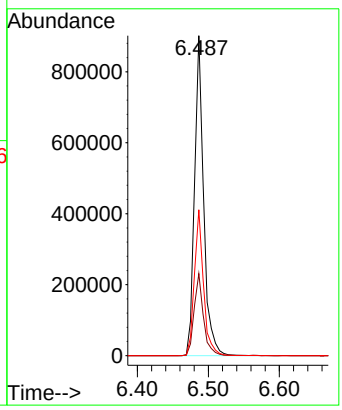


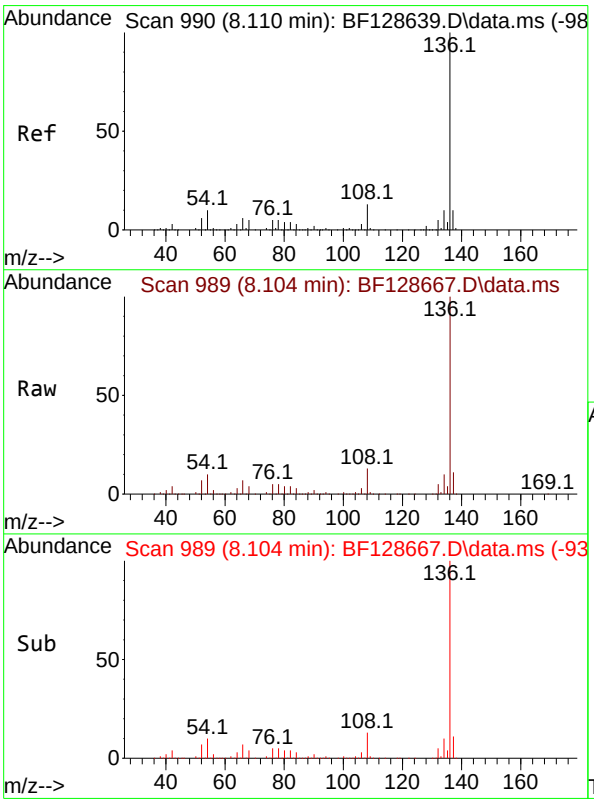
#7
Phenol-d6
Concen: 95.942 ng
RT: 6.487 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion: 99 Resp: 807475

Ion	Ratio	Lower	Upper
99	100		
42	25.6	17.3	25.9
71	45.6	28.9	43.3#

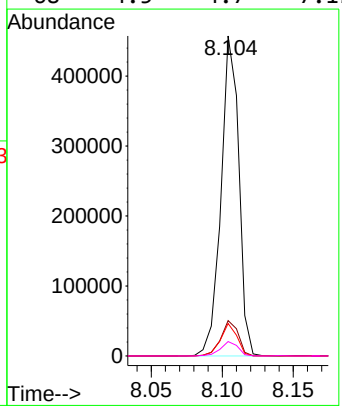


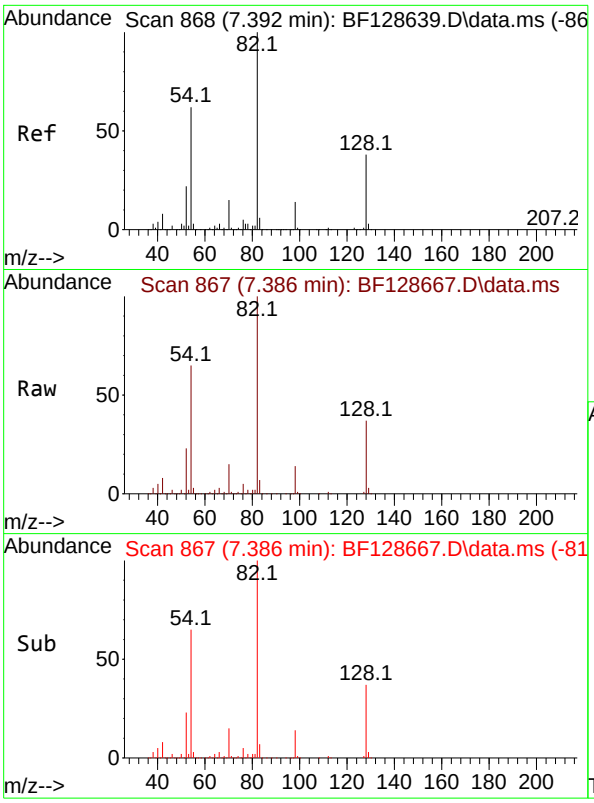


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:136 Resp: 398601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	7.5	11.3
68	4.5	4.7	7.1#



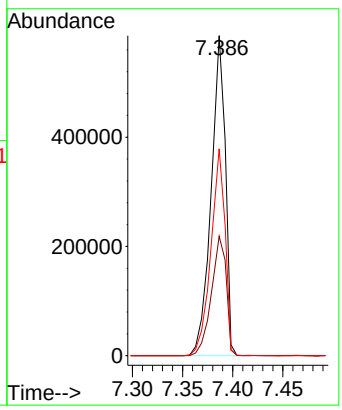


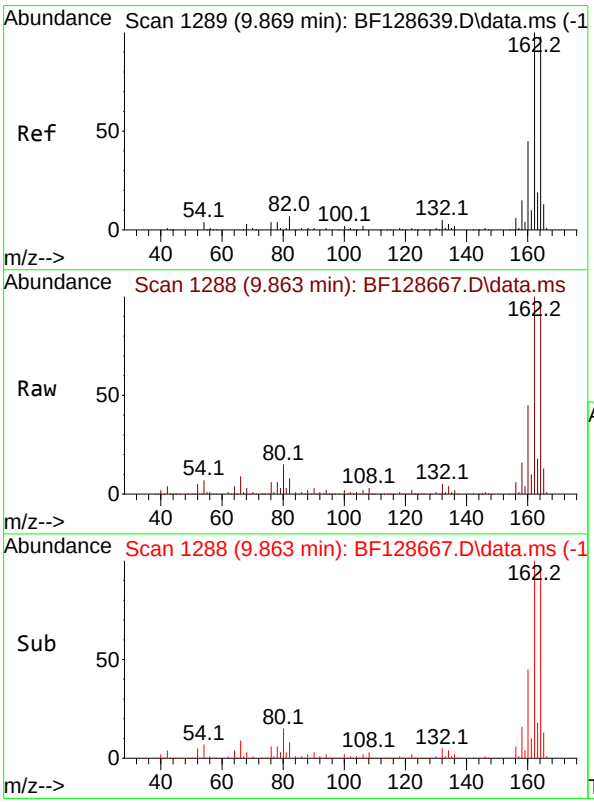
#23
Nitrobenzene-d5
Concen: 67.519 ng
RT: 7.386 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion: 82 Resp: 578046

Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	64.6	46.9	70.3

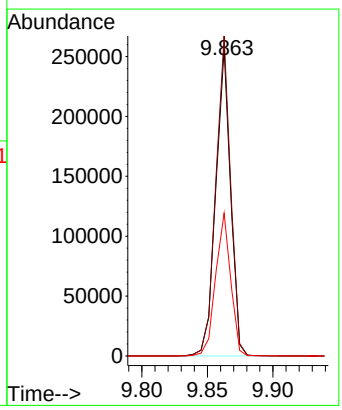


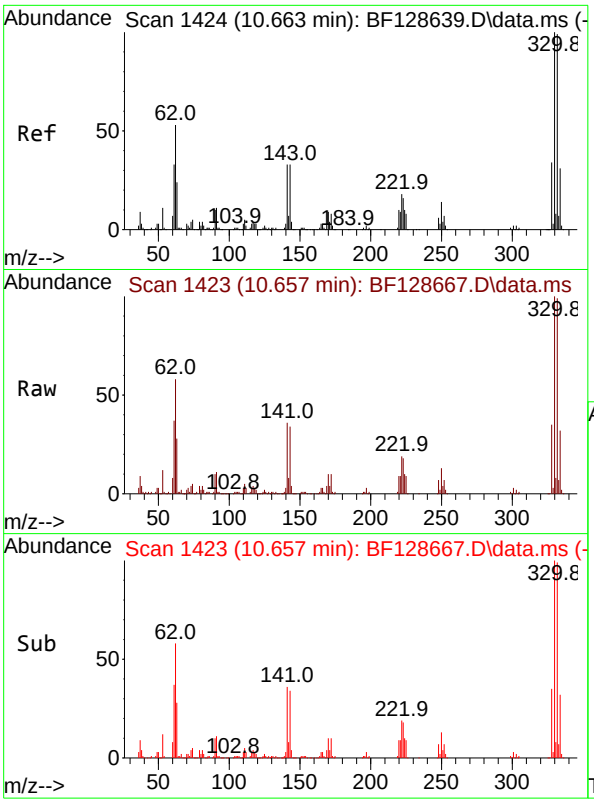


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:164 Resp: 201208

Ion	Ratio	Lower	Upper
164	100		
162	104.1	79.5	119.3
160	46.5	34.2	51.4



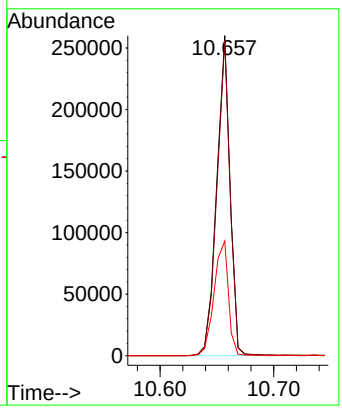


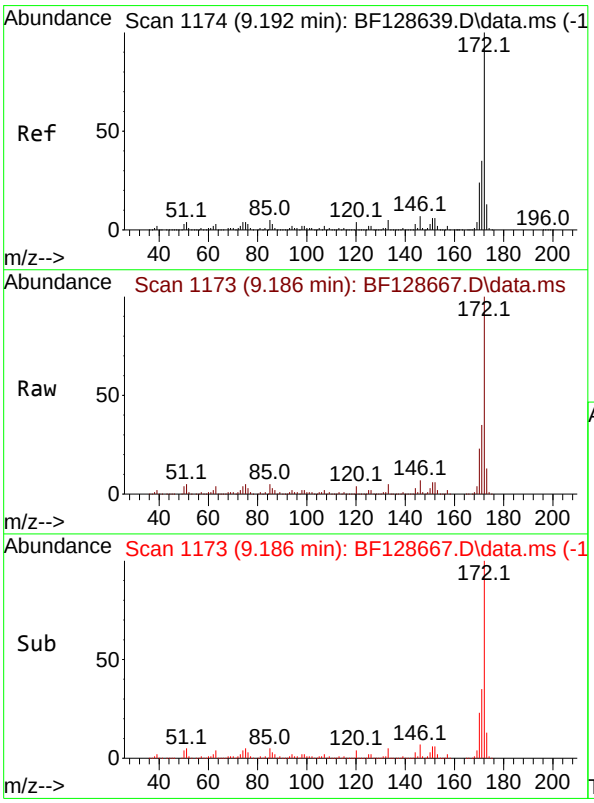
#42
2,4,6-Tribromophenol
Concen: 89.491 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion:330 Resp: 212753

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.8	115.2
141	38.5	28.0	42.0

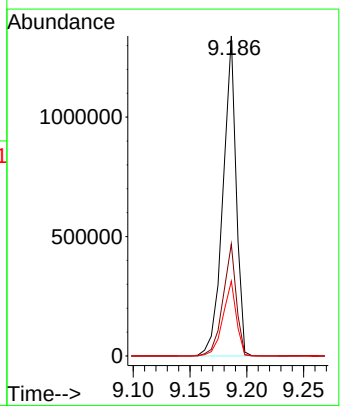


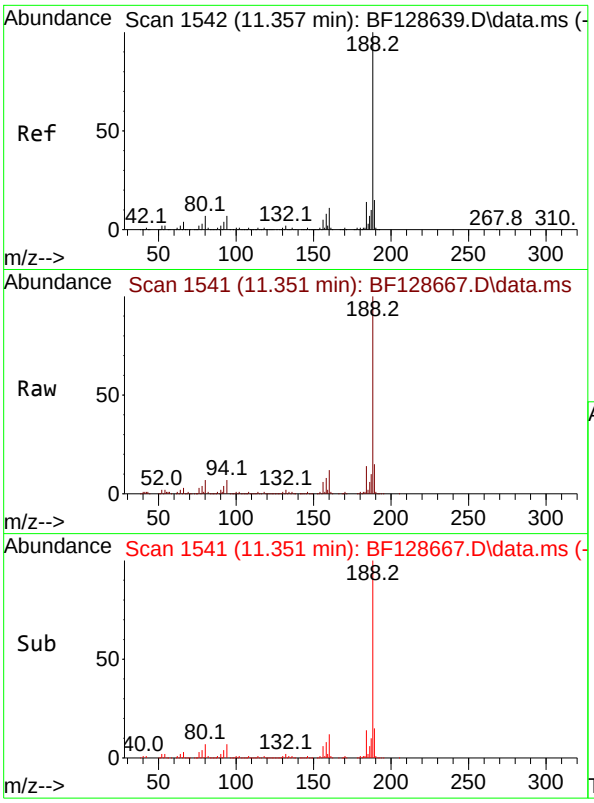


#45
2-Fluorobiphenyl
Concen: 75.756 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:172 Resp: 1088149

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.4	19.8	29.8



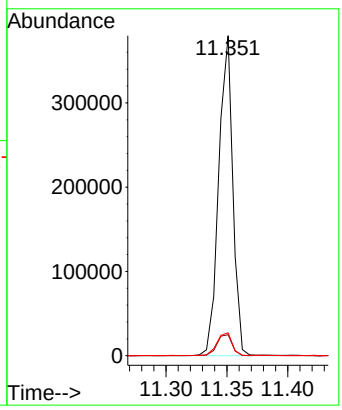


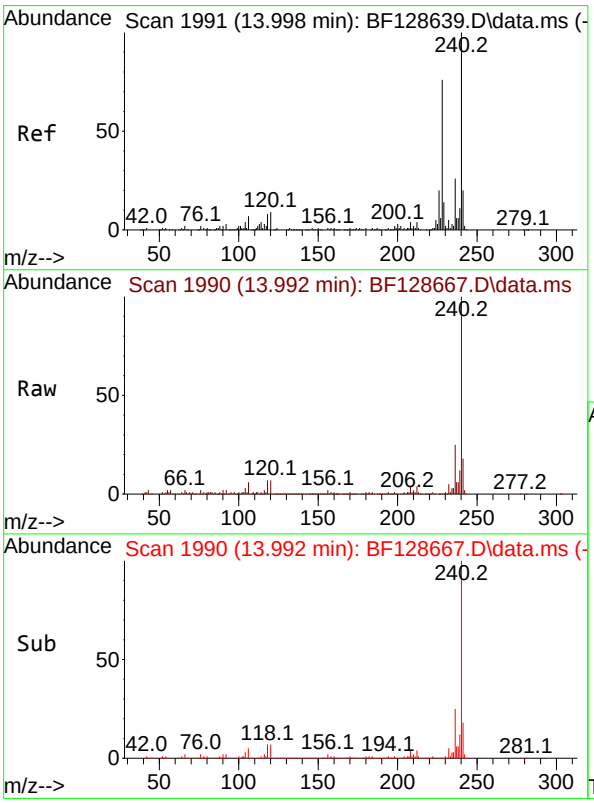
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion:188 Resp: 306299

Ion	Ratio	Lower	Upper
188	100		
94	6.6	7.0	10.6#
80	7.2	7.6	11.4#

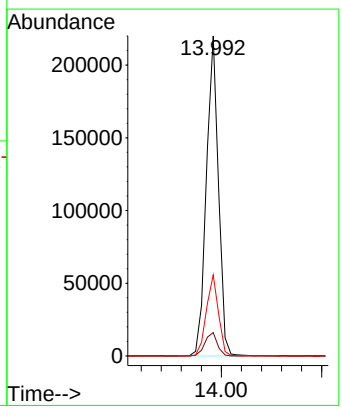


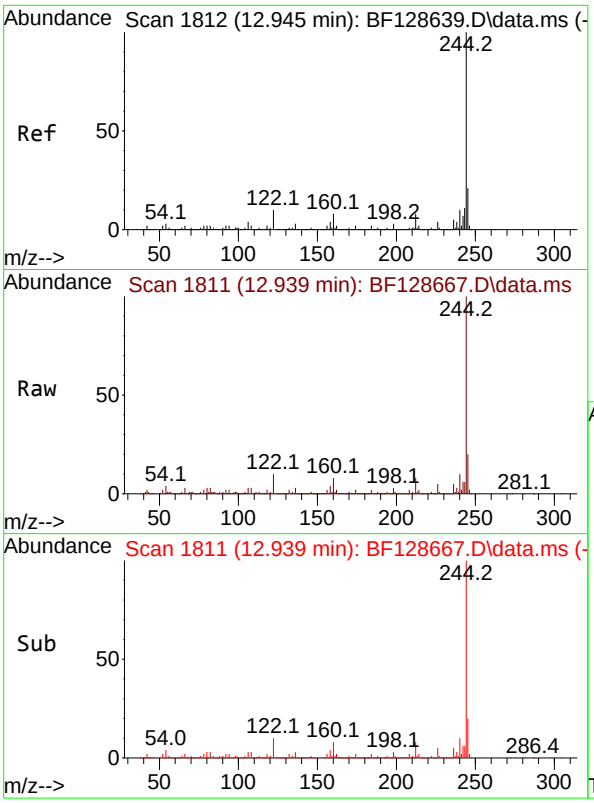


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:240 Resp: 184763

Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.9	13.3#
236	25.3	20.8	31.2



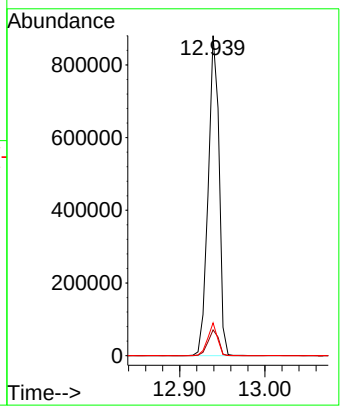


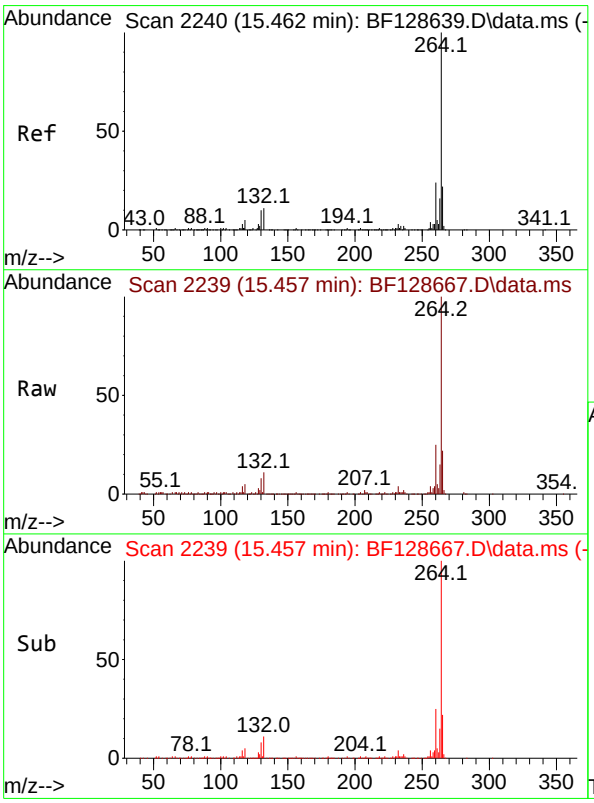
#79
Terphenyl-d14
Concen: 73.502 ng
RT: 12.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

Tgt Ion:244 Resp: 781544

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	10.3	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:264 Resp: 182366

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.2	17.2	25.8