Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047429.D
Acq On : 03 Sep 2024 17:23
Operator : RC/JU
Sample : P3813-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Quant Time: Sep 04 00:27:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	264616	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	955832	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	596850	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1039118	20.000	ng	0.00
76) Chrysene-d12	21.021	240	925763	20.000	ng	0.00
86) Perylene-d12	23.733	264	1142779	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	522034	37.849	ng	0.00
7) Phenol-d6	6.575	99	659523	35.102	ng	0.00
23) Nitrobenzene-d5	8.498	82	424417	24.637	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	232200	32.246	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	994944	25.613	ng	0.00
79) Terphenyl-d14	19.445	244	1101709	21.182	ng	0.00
Target Compounds						Qvalue

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

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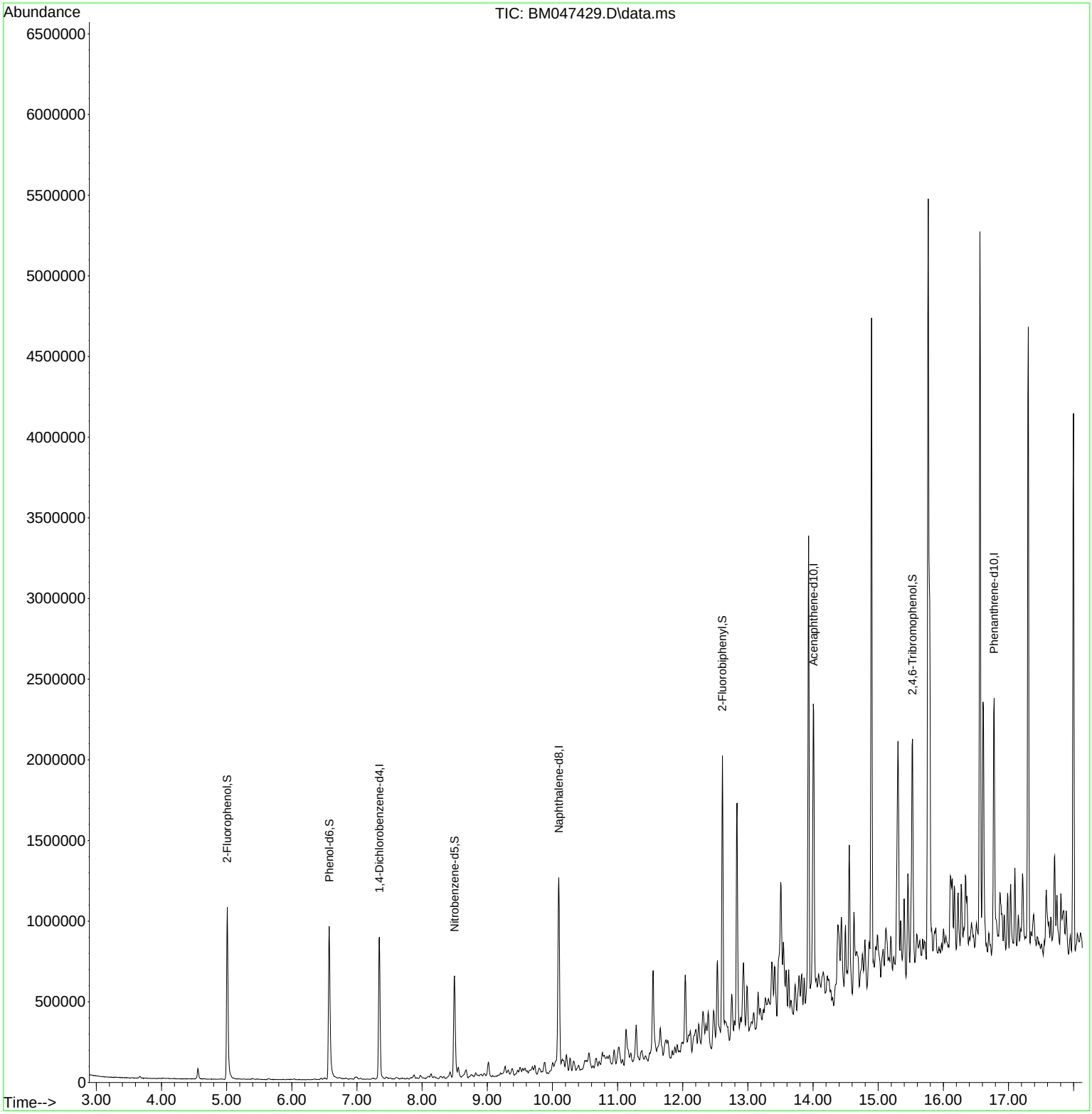

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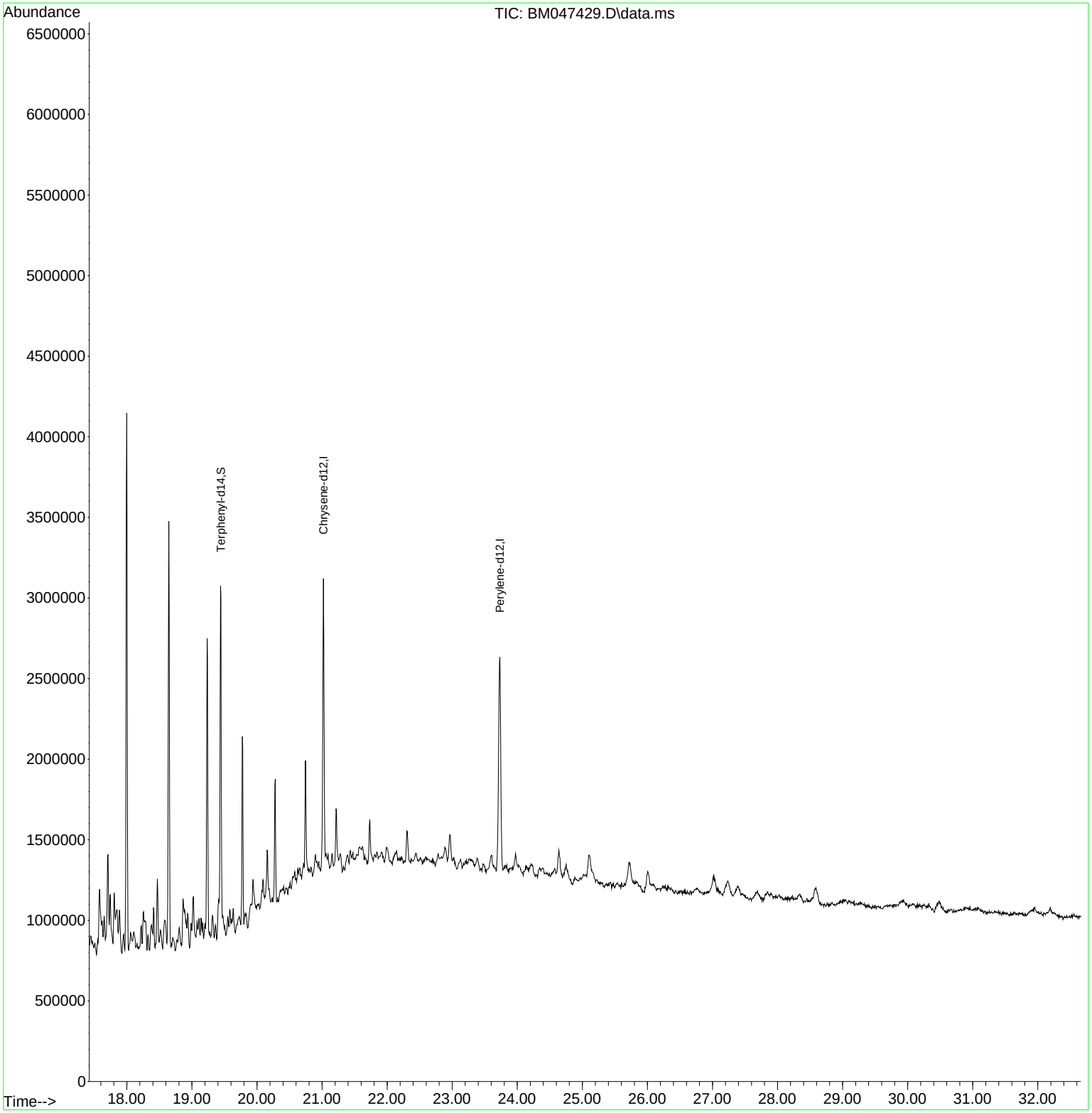
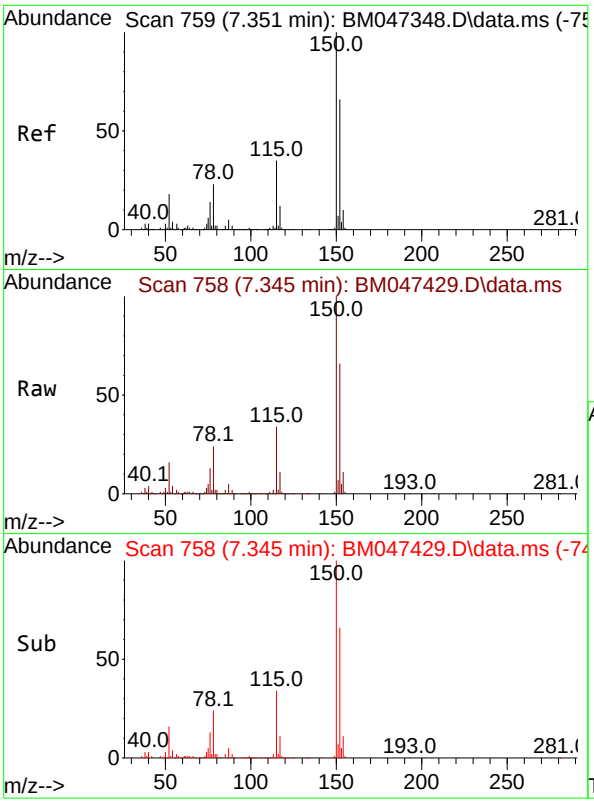


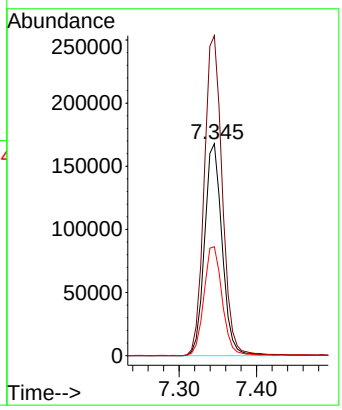


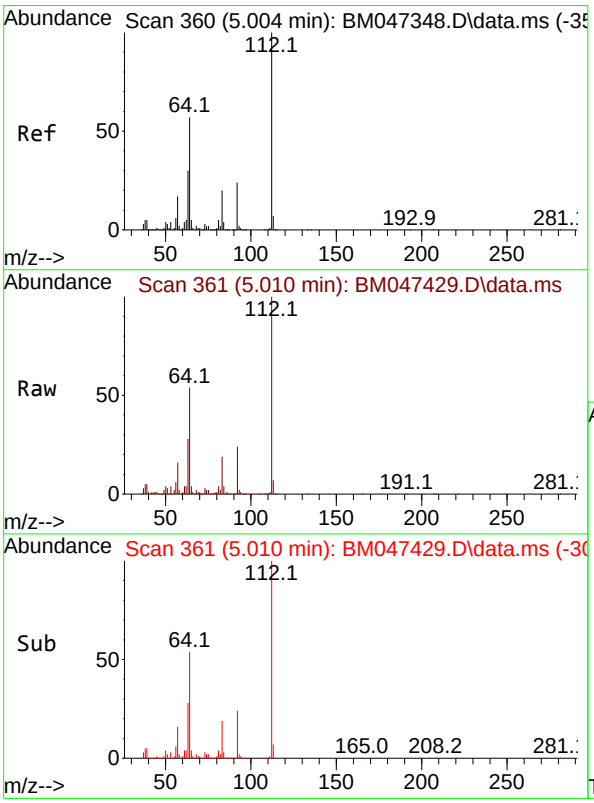
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion:152 Resp: 264616

Ion	Ratio	Lower	Upper
152	100		
150	150.9	121.3	181.9
115	51.4	42.6	64.0

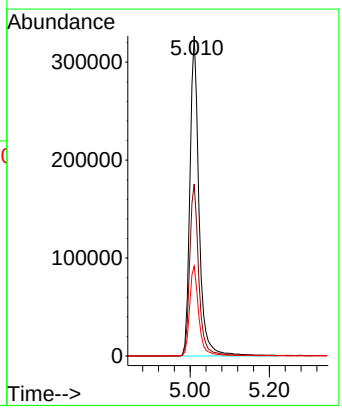


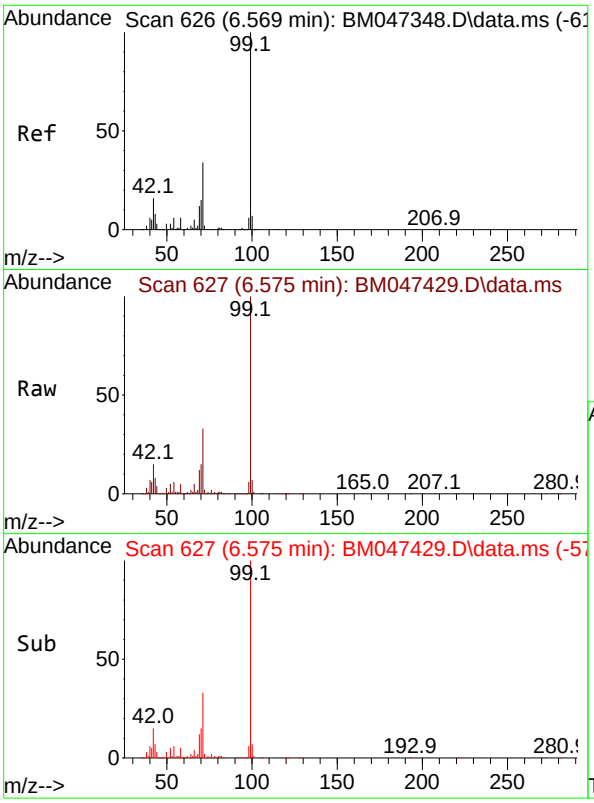


#5
2-Fluorophenol
Concen: 37.849 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:112 Resp: 522034

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	28.1	23.8	35.8



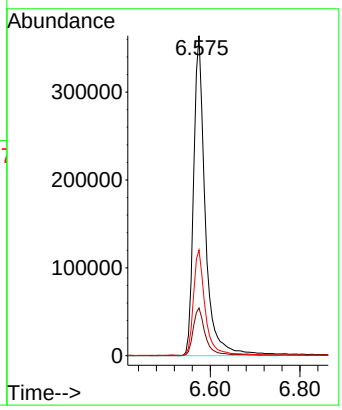


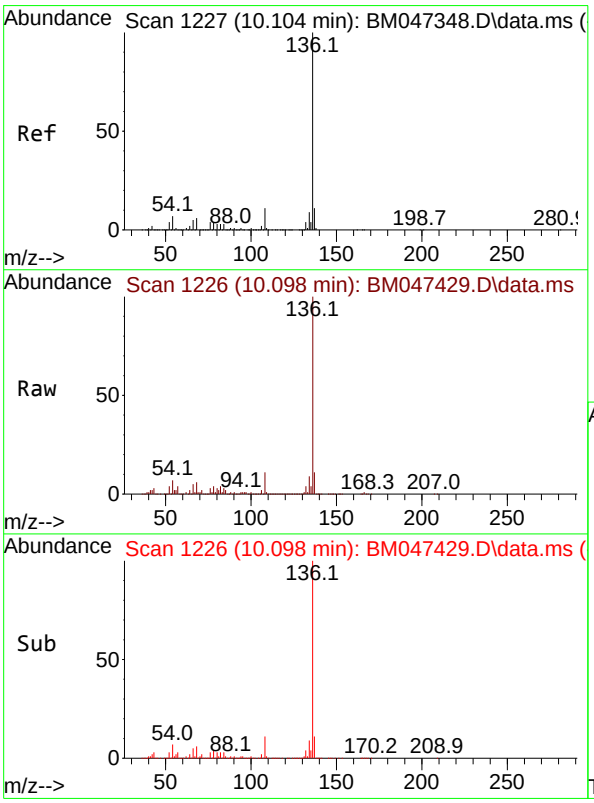
#7
Phenol-d6
Concen: 35.102 ng
RT: 6.575 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion: 99 Resp: 659523

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.0	19.4
71	33.1	27.5	41.3

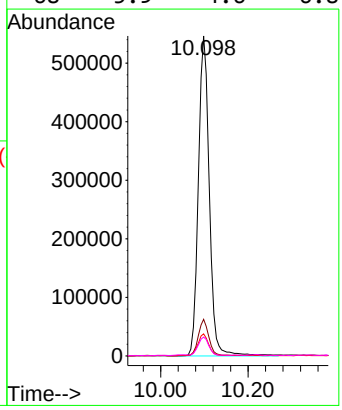


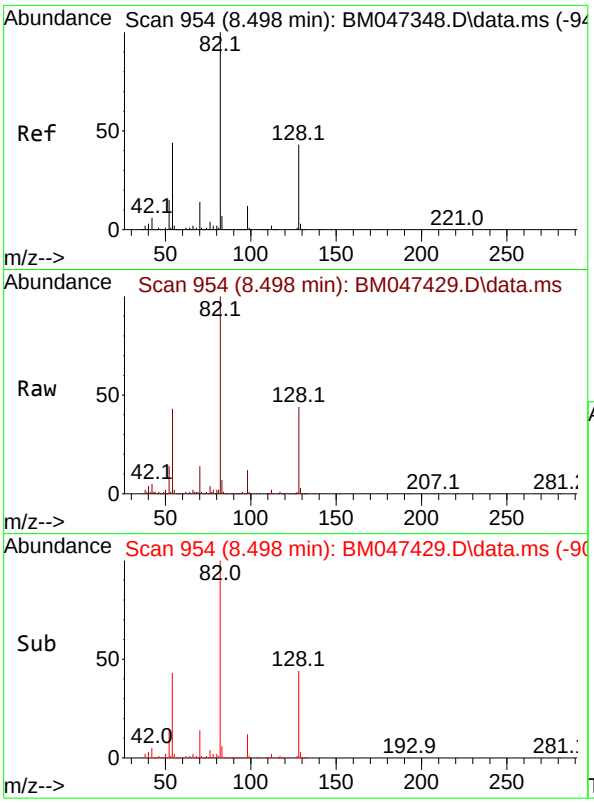


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:136 Resp: 955832

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.9	5.2	7.8
68	5.9	4.6	6.8



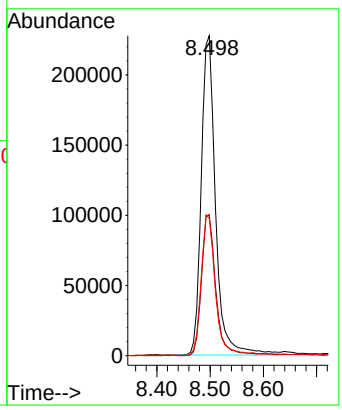


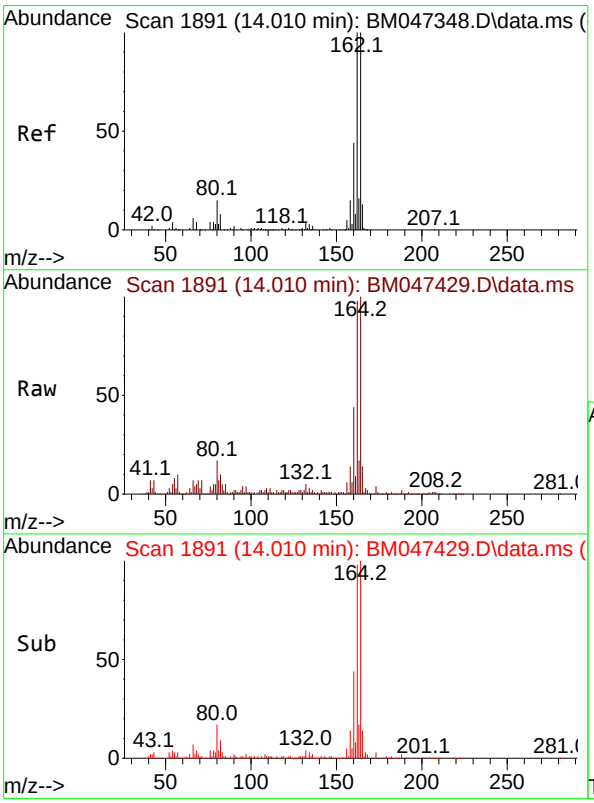
#23
Nitrobenzene-d5
Concen: 24.637 ng
RT: 8.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion: 82 Resp: 424417

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	42.9	35.5	53.3

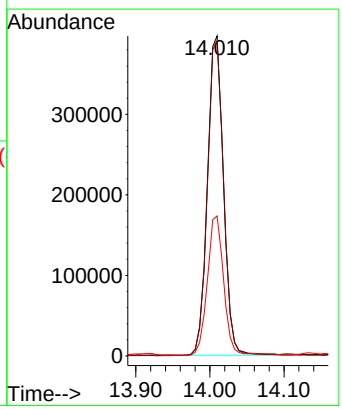


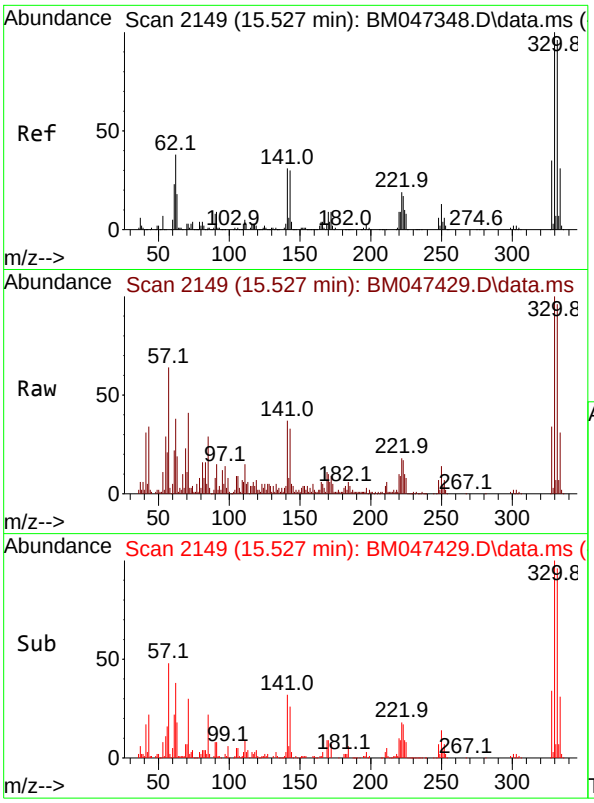


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:164 Resp: 596850

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.7	119.5
160	43.8	34.9	52.3



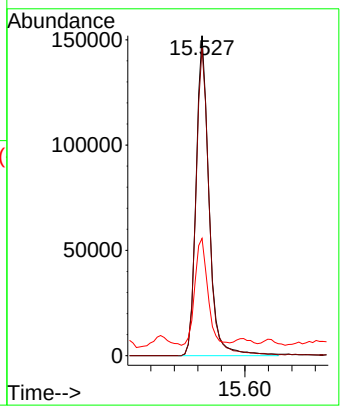


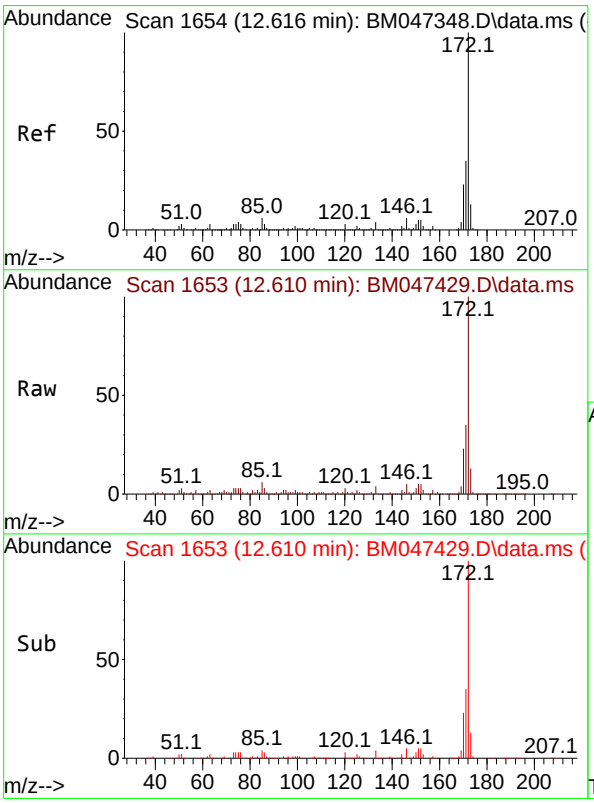
#42
2,4,6-Tribromophenol
Concen: 32.246 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion:330 Resp: 232200

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.2	115.8
141	33.5	27.6	41.4

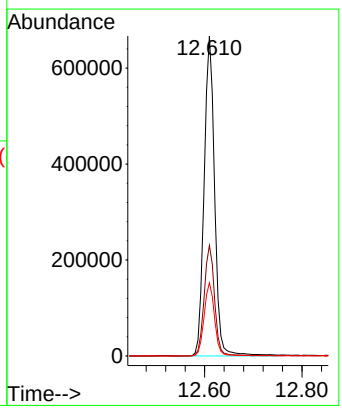


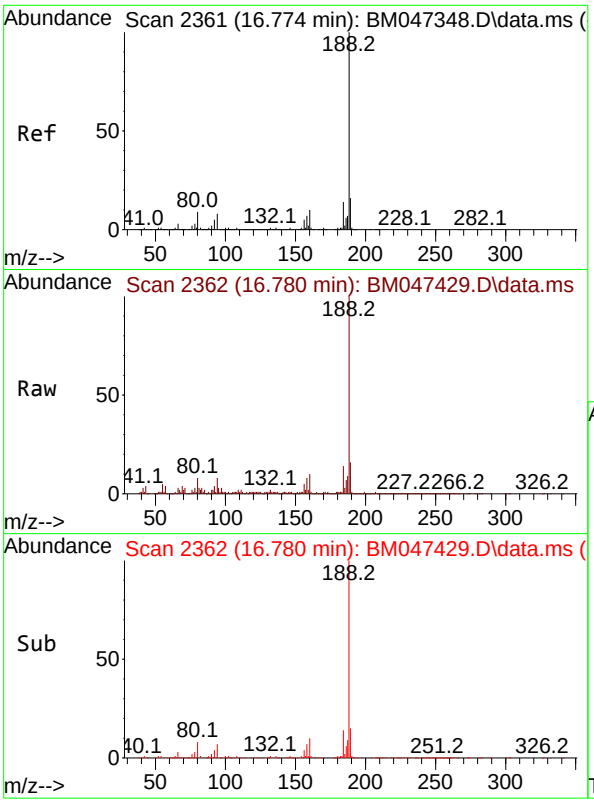


#45
2-Fluorobiphenyl
Concen: 25.613 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:172 Resp: 994944

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.8	18.5	27.7



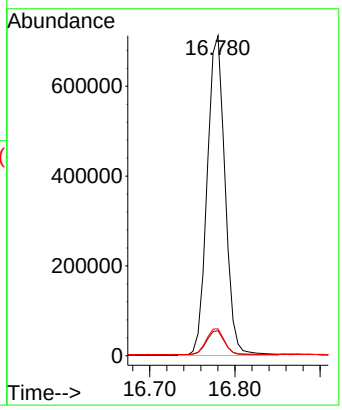


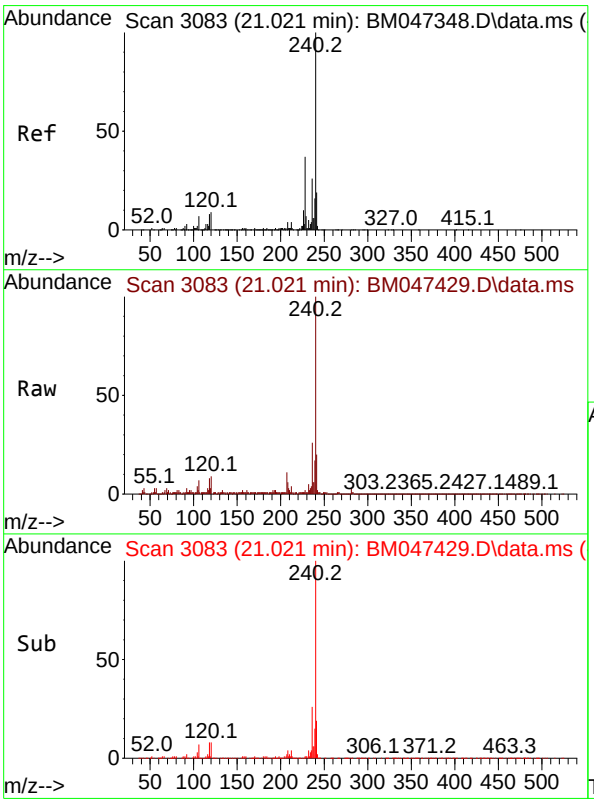
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion:188 Resp: 1039118

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	8.4	7.4	11.2

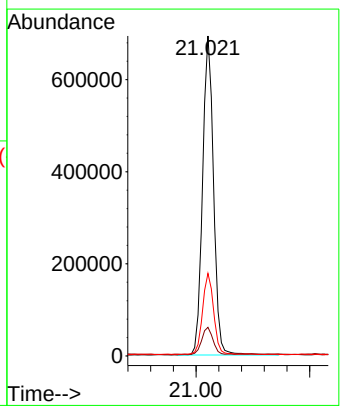


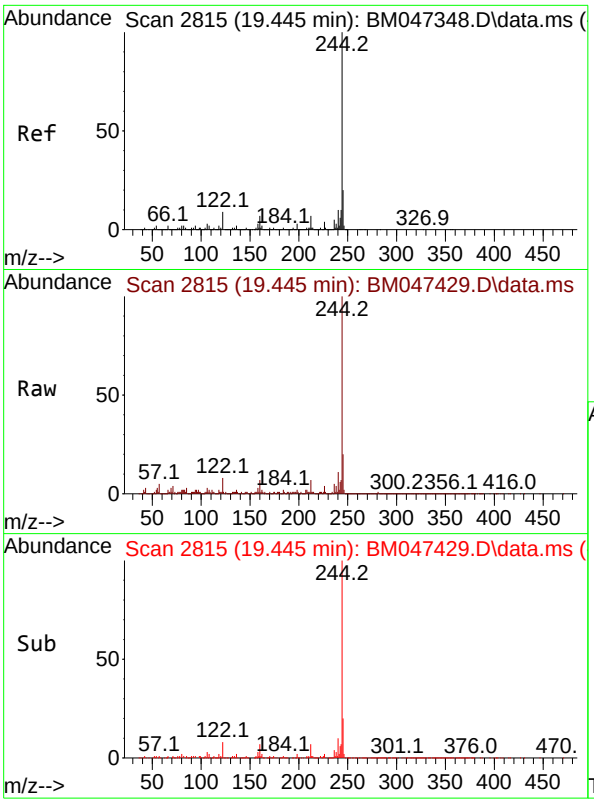


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:240 Resp: 925763

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.4	11.0
236	25.8	20.8	31.2



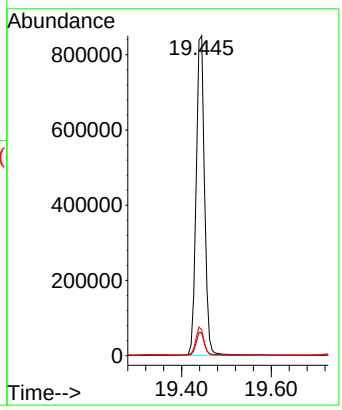


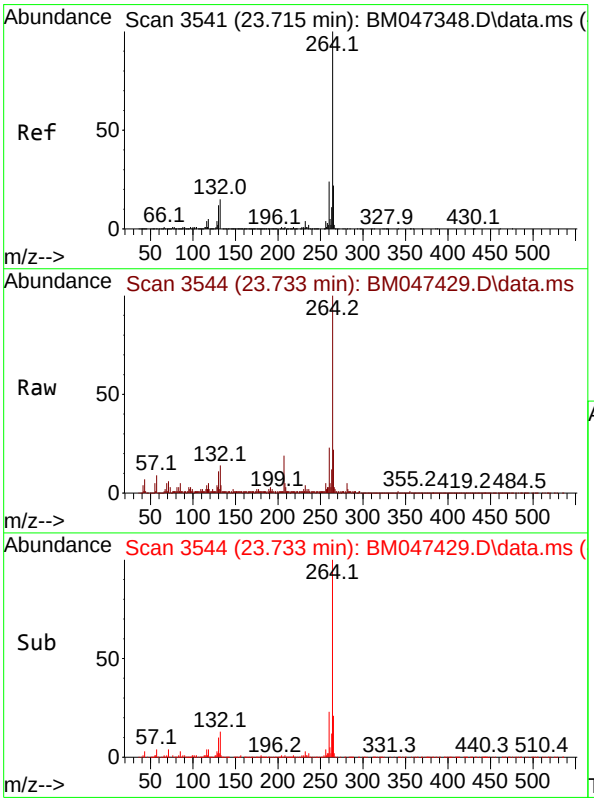
#79
Terphenyl-d14
Concen: 21.182 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Instrument :
BNA_M
ClientSampleId :
TR-06-083024

Tgt Ion:244 Resp: 1101709

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3544
Delta R.T. 0.018 min
Lab File: BM047429.D
Acq: 03 Sep 2024 17:23

Tgt Ion:264 Resp: 1142779

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.5	17.8	26.6